

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

b. TYPE OF WELL

OIL WELL ☒

GAS WELL ☐

OTHER

SINGLE ZONE ☒

MULTIPLE ZONE ☐

2. NAME OF OPERATOR

Union Oil Company of California

3. ADDRESS OF OPERATOR

P. O. Box 2620 - Casper, WY 82602-2620

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*

At surface

622' FSL & 1452' FEL (SW SE)

At proposed prod. zone

1300' FSL & 1700' FEL

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

Approximately 37 miles southeast of Moab, Utah

10. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drig. unit line, if any)

622'

16. NO. OF ACRES IN LEASE

880

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

160

18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

2600'

19. PROPOSED DEPTH

8900'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

6223' GR (Ungraded)

22. APPROX. DATE WORK WILL START\*

Immediately Upon Approval.

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT	Expected Top
17-1/2"	13-3/8"	48#	50'	10 sx	Surface
12-1/4"	9-5/8"	36#	1000'	±600 sx	Surface
8-3/4"	5-1/2"	17#	8900'	±525 sx	3600'

Proposed Plan of Procedure

Drill 17-1/2" hole with rat-hole machine to 50'. Set and cement 13-3/8" conductor. Move in rotary rig. Drill 12-1/4" hole to 1000'. Run and cement 9-5/8" casing. Drill 8-3/4" hole to approximate T.D. of 8900'. Run logs, and if logs indicate production, run and cement 5-1/2" casing. Perforate and test zones that may be productive. Complete with 2-7/8" tubing.

The BOP will be operationally tested daily and each test logged.

Note: Nationwide Bond No. B-73310

APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING

DATE: 5/20/87

BY: [Signature]

WELL SPACING: 302.1

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

[Signature]

R. G. Ladd, Jr.

TITLE District Drilling Supt.

DATE 5-8-87

(This space for Federal or State office use)

PERMIT NO.

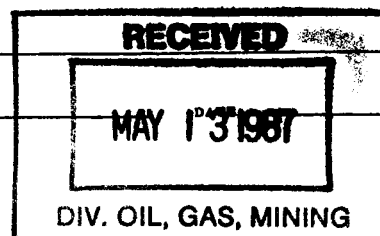
43-037-31323

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

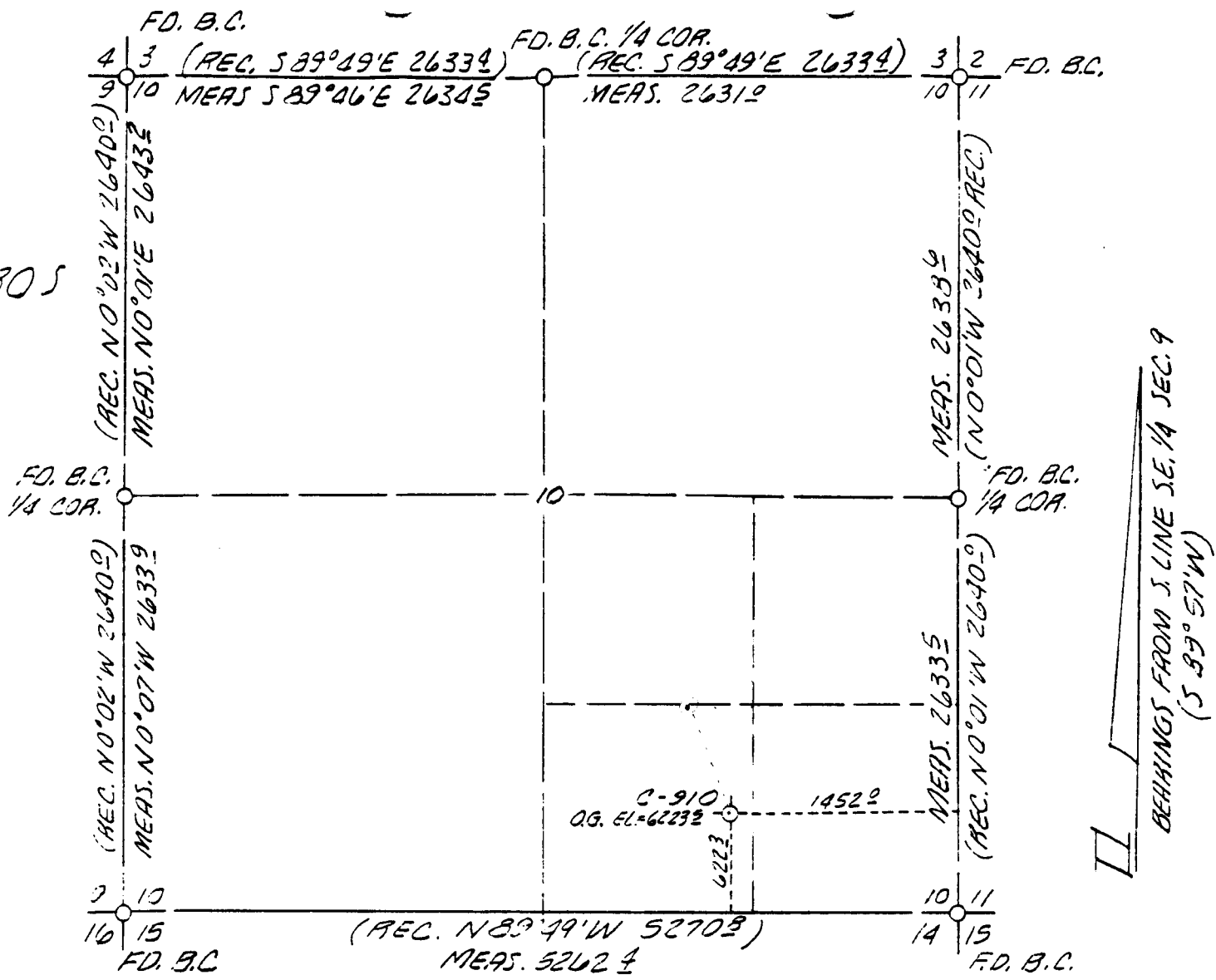


\*See Instructions On Reverse Side

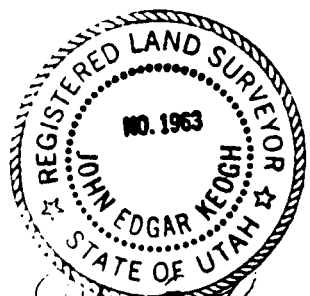
Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

R 24 E

T 30 S



BEARINGS FROM S. LINE SE 1/4 SEC. 9  
(S 89° 57' W)



John E. Keogh  
UTAH R.L.S. No. 1963

WELL LOCATION PLAT OF  
LISBON WELL N° C-910  
IN THE SW 1/4 SE 1/4,  
SEC. 10, T30S, R24E  
S.L.B. & M., SAN JUAN COUNTY, UTAH  
TRANSIT & EDM. SURVEY  
APRIL 30, 1987  
FOR UNOCAL  
SCALE: 1" = 1000'

ELEV. BY VERT. ANGLES FROM  
U.S.G.S. TOPO QUAD "HATCH ROCK, UTAH  
1954" (SW COR. SEC. 10 EL. = 6240)

UNION OIL COMPANY OF CALIFORNIA

Lisbon Well No. C-910  
Sec. 10, T.30S., R.24E.  
San Juan County, Utah

A. DRILLING PROGRAM

1. Surface Formation: Wingate

Estimated Tops of Geological Markers:

Ungraded Ground Elevation - 6223'

<u>Formation</u>	<u>Depth Below G.L.</u>
Honaker Trail	2,150'
La Sal	3,135'
Paradox	3,757'
Paradox Salt	4,090'
Base Salt	7,310'
Redwall	7,475'
Ouray	7,871'
Elbert	8,036'
McCracken	8,153'
Aneth	8,263'
Lynch	8,343'
Proposed Total Depth	8,900'

2. Estimated Depth at Which Oil, Gas, Water or Other Mineral-Bearing Zones Are Expected to Be Encountered:

	<u>Formation</u>	<u>Top</u>	<u>Bottom</u>
<u>Expected Oil Zones:</u>	Elbert	8,036'	8,153'
	McCracken	8,153'	8,263'
	Lynch	8,343'	8,800'
<u>Expected Gas Zones:</u>	Redwall	7,475'	7,871'
	McCracken	8,153'	8,263'
	Lynch	8,343'	8,800'

Expected Water Zones: May encounter water flows from surface to 3750'.

Expected Mineral Zones: Paradox (Potash) 3,745' 4,075'

3. Pressure Control BOP's: (See Attachment Nos. 1, 2, and 3)

Wellhead:

Casing Head: 9-5/8" x 10" - 3000 psi W.P.

3. Pressure Control BOP's - Continued:

BOP Stack:

One double-gate BOP with 4-1/2" pipe rams and blind rams.

One choke manifold with adjustable and positive chokes.

The BOP and choke manifold will be rated at 3000 psi.

Test:

BOP's, choke manifold, and casing will be pressure tested to 1000 psi for 30 minutes before drilling cement on surface casing. BOP's will be operationally tested daily and each test will be logged in the IADC Daily Drilling Report.

4. Casing Program:

Conductor - 13-3/8" @ 50'

(Mud Wt. 9.6 ppg)

<u>Depth</u>	<u>Size</u>	<u>Weight</u>	<u>Grade</u>	<u>Thread</u>	<u>New/Used</u>
0-50'	13-3/8"	48#	H-40	Welded	New

Surface Casing - 9-5/8" @ 1000'

(Mud Wt. 9.6 ppg)

<u>Depth</u>	<u>Size</u>	<u>Weight</u>	<u>Grade</u>	<u>Thread</u>	<u>New/Used</u>
0-1000'	9-5/8"	36#	K-55	ST&C	New

Production Casing - 5-1/2" @ 8900'

(Mud Wt. 10.3 ppg)

<u>Depth</u>	<u>Size</u>	<u>Weight</u>	<u>Grade</u>	<u>Thread</u>	<u>New/Used</u>
0-8900'	5-1/2"	17#	CYS-95, L-80, & K-55	LT&C	New

Note: Cement top for production casing will cover the potash zone in the Paradox formation (estimated cement top is 3757').

Minimum Safety Factors

Collapse: 1.125  
Tension: 1.8  
Burst: 1.0

5. Drilling Fluid:

<u>Depth</u>	<u>Type</u>	<u>Weight</u>	<u>Vis</u>	<u>F.L.</u>
0-1000'	Gel/Lime	8.6-9.2	45-65	N.C.
1000-3600'	Fresh Mud	8.6-9.8	30-40	<10
3600-T.D.	Salt Mud	10.0-10.3	35-45	8-10

Sufficient materials to maintain mud requirements and to meet minor lost circulation and threatened blowout conditions shall be stored at the location.

6. Testing, Logging, and Coring Program:

DST's: None.

Logging: A Dual Laterolog-MSFL will be run from bottom of surface casing to total depth.

An LDT-CNL w/GR & Caliper will be run from the bottom of the surface casing to 4200' and from 7250' to T.D.

Cores: None

Completion:

All productive zones will be selectively perforated, treated with 50-100 gallons of 15% HCl per foot of perforations, and tested. If the McCracken formation is productive, a hydraulic fracture treatment will be proposed.

7. Abnormal Pressures, Temperatures, and Potential Hazards:

No above or below normal pressures are anticipated.

<u>Formation</u>	<u>Estimated Reservoir Pressures</u>
Redwall	2500 psi
Elbert	2600 psi
McCracken	2600 psi
Lynch	2600 psi

Normal temperature gradients are anticipated.

7. Abnormal Pressures, Temperatures, Potential Hazards - Continued:

Hydrogen sulfide gas will be present in the Mississippian Redwall and Elbert formations. The Redwall and Elbert formations are normal pressure gradient formations, and the mud column weight should be more than sufficient to prevent free hydrogen sulfide from reaching the surface. Hydrogen sulfide scavengers will be added to the mud prior to drilling the Paradox formation. The pH of the mud will be maintained at a high level for corrosion protection. Fresh air breathing equipment will be installed at the rig site, and all personnel will be trained in the use of the equipment. Hydrogen sulfide detection equipment and the warning flags will be in place and operational before drilling into the Paradox formation. An H<sub>2</sub>S Contingency Plan is also included for approval.

8. Starting Date:

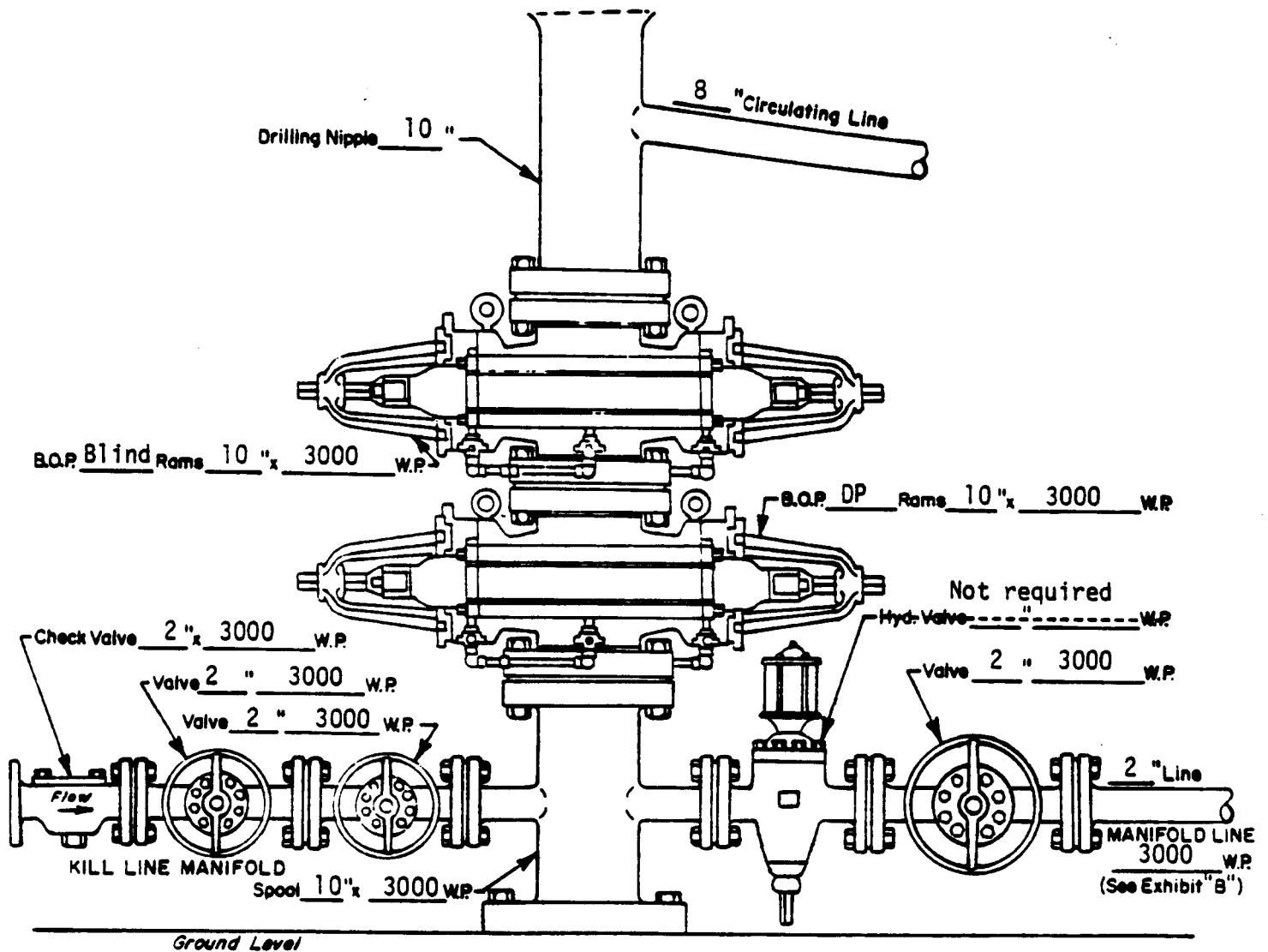
The Grand Resource Area office will be contacted 48 hours before dirt work begins. (Telephone No. - 801-259-6111)

Road and location work will begin as soon as approval has been received from the Bureau of Land Management, weather permitting. Drilling should commence immediately upon approval of the APD.

Duration of Operations:     Drilling - 50 Days

Completion - 15 Days

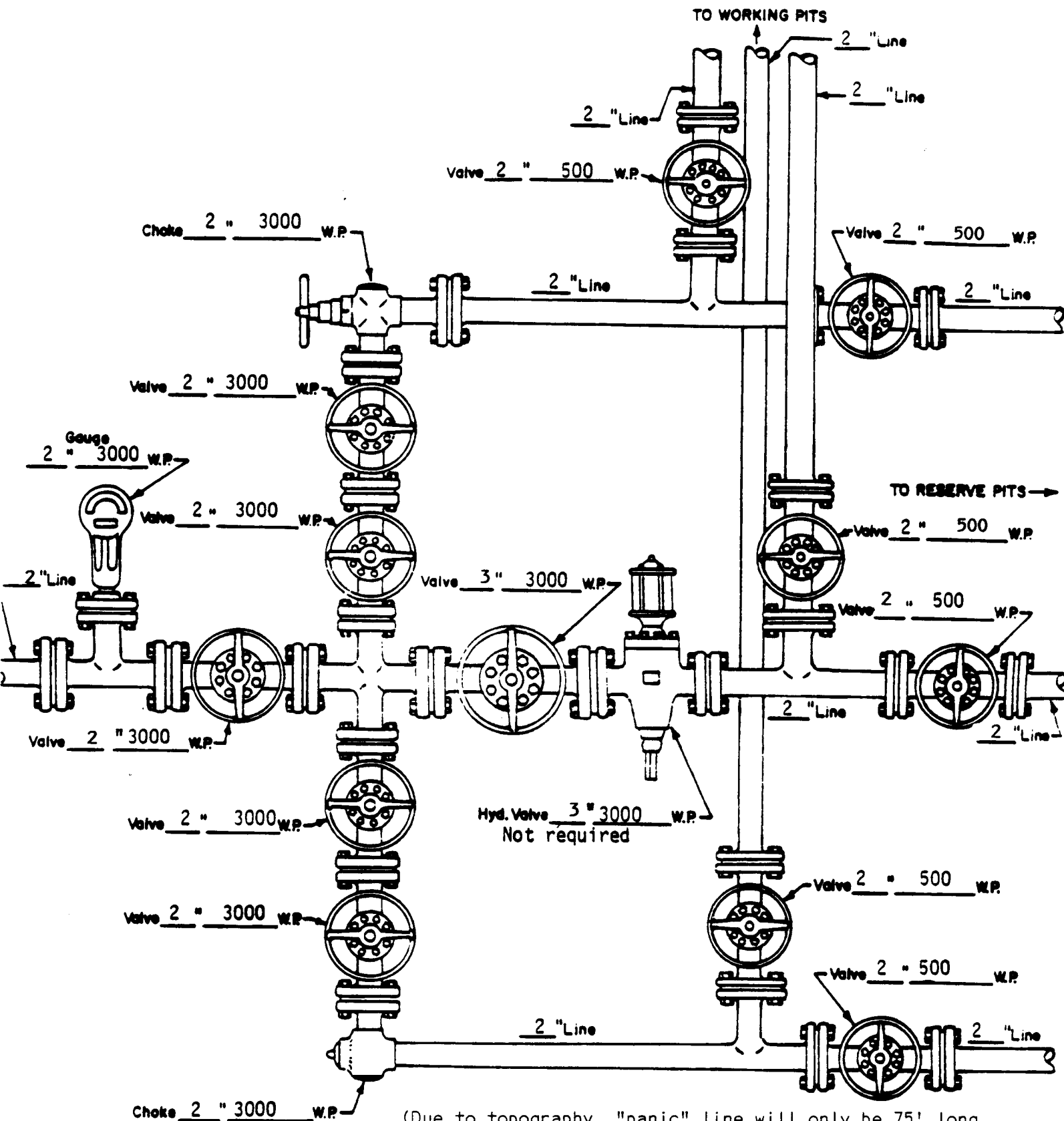
Lisbon Unit Well No. C-910  
San Juan County, Utah



WELL HEAD B.O.P.  
3000 #W.P.

☐ Manual  
☒ Hydraulic

Lisbon Unit Well No. C-910  
San Juan County, Utah



(Due to topography, "panic" line will only be 75' long as agreed to by BLM personnel.)

**MANIFOLD**  
**3000 W.P.**

☐ Manual  
☒ Hydraulic





UNION OIL COMPANY OF CALIFORNIA

Lisbon Well No. C-910  
Sec. 10, T.30S., R.24E.  
San Juan County, Utah

B. THIRTEEN-POINT SURFACE USE PLAN

1. Existing Roads:

- a. The proposed well is approximately 37 miles south and east of Moab, Utah. The well site as staked is shown on the surveyor's plat. Two directional reference points have been staked.
- b. Proposed route to location: From Moab, Utah, proceed 30 miles south on Highway No. 163 and turn left on the Lisbon Industrial Park Road (paved blacktop road). Proceed five miles east on blacktop to junction at the Union 76 sign. Continue eastward (straight) staying on blacktop for 1.6 miles, then turn left onto location access road.
- c. A 200' long new access road will be required from the existing blacktop county road to the location site. (See Attachment No. 4)
- d. Existing roads are shown on Attachment No. 5.
- e. Existing county road will be maintained at a standard equal to or better than the condition of the road prior to the start of operations, weather conditions permitting. At the conclusion of drilling and completion operations, the road will be repaired and restored to a standard equal to or better than the condition at the start of operations.
- f. An encroachment permit will be applied for with the San Juan County Road Department.
- g. Signs will be posted at the mouth of the canyon, warning of possible heavy truck traffic.

2. Planned Access Roads:

- a. Width: 16' top running width and 35' bottom width.
- b. Maximum Grade: 3%
- c. Turnouts: No turnouts will be required.
- d. Location: Approximate length will be 200', running from the southwest side of the location to the existing county road. (See Attachment No. 4)

- e. Drainage Design: The access road will cross a dry drainage bed. A 30" culvert will be installed under the access road at the drainage bed to prevent run-off from backing up and washing over the existing county road.
- f. Location and Size of Culverts: A 30" x 40' culvert will be installed under the proposed access road. Also, due to the layout of the proposed location and the amount of fill which may be present, a 24" x 40' long culvert may have to be installed under the existing county road, south of the southeast corner of the location. (See Attachment No. 4) Both Jeff Robbins, of the Bureau of Land Management, and Douglas Pehrson, of San Juan County Road Department, have seen and are aware of this problem. Both agree that at this time a decision of whether to put the culvert in or not cannot be made. When the location is being built and the amount of fill and the extent that it carries out can be determined, both men will be notified and a decision will be made.
- g. Topsoil will be removed and stockpiled before work begins on building the access road. If the well is productive, the access road will be upgraded to a permanent road; otherwise the access road will be rehabilitated within sixty (60) days of dismantling the drilling rig. The access road will be designed for 15 mph speed. Additionally, the road will have a crown with a 2 per cent slope to the sides, and embankments will have a 3:1 slope.

3. Location of Existing Wells:

Attachment Nos. 5 and 6 show producing wells, water wells, and abandoned wells within one mile of Lisbon Well No. C-910.

- |                                     |                          |
|-------------------------------------|--------------------------|
| (1) Water Wells - 0                 | (6) Producing Wells - 6  |
| (2) Abandoned Wells - 0             | (7) Shut-In Wells - 4    |
| (3) Temporarily Abandoned Wells - 0 | (8) Injection Wells - 5  |
| (4) Disposal Wells - 0              | (9) Monitoring Wells - 0 |
| (5) Drilling Wells - 0              |                          |

4. Location of Existing and/or Proposed Facilities:

(See Attachment Nos. 6 and 7)

- a. (1) Tank Batteries: 2
- (2) Production Facilities: 1
- (3) Oil Gas Gathering Lines: 6
- (5) Injection Lines: 5
- (6) Disposal Lines: 0

- b. (1) All permanent production facilities will be painted one of the following colors: Largo Red, Brush Brown, or Desert Brown
- (2) The production pad will be 135' x 300'. (See Attachment No. 7)
- (3) No outside construction materials should be necessary.
- (4) All equipment will either be fenced or have metal guards in place. A small emergency pit will be required, and it will be fenced.
- (5) Tank batteries and flow lines will stay on the production pad. The tank battery will be surrounded by a dike sufficient to hold 1-1/2 times the capacity of the storage tanks.
- (6) All site security regulations will be adhered to.
- c. Plan for rehabilitation of disturbed areas no longer needed for operations after construction is complete:
  - (1) The reserve pit will be fenced. When the reserve pit is dry, the pit will be backfilled and the fence will be removed.
  - (2) Due to the nature of the topography of the drill site, the original drill site, 135' x 300' (excluding the reserve pit) will be used for production operations. The reserve pit will be recontoured to an acceptable level with the BLM. The topsoil will be redistributed and will be reseeded with a recommended BLM seed mixture, as follows:

<u>Species</u>		<u>lbs/acre</u>
<u>Grasses</u>		
Agropyron Spicatum	Bluebunch Wheatgrass	1
Hilaria Jamesii	Galleta (Gurlygrass)	1
Oryzopsis Hymenoides	Indian Ricegrass	1
<u>Forbs</u>		
Melilotus Officinalis	Yellow Sweetclover	1/2
Medicago Sativa	Alfalfa	1/2
	(Spreador II, Nomad, Ladak)	
<u>Shrubs</u>		
Eurotia Lanata	Winterfat (Whitesage)	<u>2</u>

6 lbs/acre

(Broadcast seed will be applied at double the above rate.)

Note

The BLM, Grand Resource Area, will be notified at (801) 259-6111 forty-eight (48) hours before starting reclamation work that involves earthmoving equipment and upon completion of restoration measures.

Prior to reseeding, all disturbed areas, including the access road, will be scarified and left with a rough surface.

5. Location and Type of Water Supply:

- a. The well will be drilled with produced water from the Lisbon Unit and salt brine water from the Moab Brine Company.
- b. The water will be hauled by truck to the location along the existing road.
- c. Fresh water will be hauled from the nearest approved source.

6. Source of Construction Materials:

- a. The proposed location will utilize soil material which is on the location. No construction materials will be needed.
- b. The proposed location is on federal land with federal minerals. No Indian land is involved.
- c. Topsoil (may not be any due to the topography) from the location and the access road will be stockpiled at the wellsite for restoration purposes. The soil material will be obtained from the immediate area of the drilling operations and will be used to fill in the low areas. (See Attachment No. 8))

7. Methods for Handling Waste Disposal:

- a. The determination of whether to line the reserve pit will be made by a BLM representative after the reserve pit is built. Cuttings will be buried in the reserve pit. Prior to drilling, the reserve pit will be fenced on three sides with four strands of barbed wire.
- b. Drilling fluids will be disposed of in the reserve pit. The water will be allowed to evaporate and the remaining solids will be buried.
- c. In the event of a producing well, produced fluids will be handled in a tank battery on the location. Produced water will be disposed of in accordance with NTL-2B.
- d. Chemical toilets will be utilized.

- e. Garbage and other waste material will be disposed of in a portable trash cage which will be completely enclosed with small mesh wire. The trash will be hauled to an approved landfill or incinerated off-site.
- f. If burning is required, a burning permit will be obtained from the State Fire Warden, John Baker - Telephone No. 801-587-2705.
- g. When the rig moves out, all extraneous material will be disposed of as garbage or hauled to town. When the pits have dried, they will be backfilled and recontoured.

8. Ancillary Facilities:

No camps or airstrips will be needed.

9. Well Site Layout: (See Attachment Nos. 8 and 9)

- a. A maximum cut will be 47'. Maximum fill will be 20'. Depending on the size of the drilling rig, the well site dimensions will be reduced and therefore, the maximum cut will be reduced.
- b. No living facilities will be installed; however, two trailer houses will be on location for company personnel.
- c. A decision will be made by the BLM after the reserve pit is built as to whether the pit should be lined or not.

10. Plans for Restoration of Surface:

a. Backfilling, leveling, contouring, and waste disposal:

After the reserve pit is dry, the pit will be backfilled, leveled, and contoured to an acceptable level with the BLM. All waste material will be buried in the burn pit and the topsoil will be redistributed over the area.

b. Revegetation and rehabilitation:

The location will be reseeded with a recommended BLM seed mixture as per BLM specifications.

c. Care of pits prior to rig release:

Prior to rig release, pits will be fenced and so maintained until cleanup.

- d. If oil is on the pit, it will be removed.

- e. Immediately following the completion of operations, cleanup will commence. As soon as the pit is completely dry, the pit will be filled and cleanup finalized. Seed will be broadcast in the fall of the year.

11. Surface ownership:

The land is federally owned and is administered by the BLM.

12. Other Information:

a. Topography, soil characteristics, geologic features, etc:

The terrain surrounding the location is a semi-arid, desert-type country. Cedar, sage, and desert grasses grow on the rocky, sparse topsoil. The location consists of a solid rock outcrop of sandstone. Rabbits, mule deer, and lizards are typical fauna.

b. Other surface-use activities and surface ownership of all involved lands:

The surface is used for livestock grazing and is administered by the Bureau of Land Management. The land is federally owned.

c. Proximity of water, occupied dwellings, archeological, historical or cultural sites:

There are no reservoirs or flowing streams in the immediate area of this lease. There are no occupied dwellings in the immediate area; however, the MiVida and other mines are approximately 1 mile up the canyon from the wellsite and may operate on a 24-hour basis.

An archeological survey has been made and a copy is attached.

13. a. Operator's Field Representative:

Mr. R. G. Ladd, Jr.  
Union Oil Company of California  
P. O. Box 2620  
Casper, WY 82602-2620

Phone - (307) 234-1563

b. Certification:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my

knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by Union Oil Company of California and its contractors and sub-contractors in conformity with this plan and the terms and conditions under which it is approved.

5-8-87

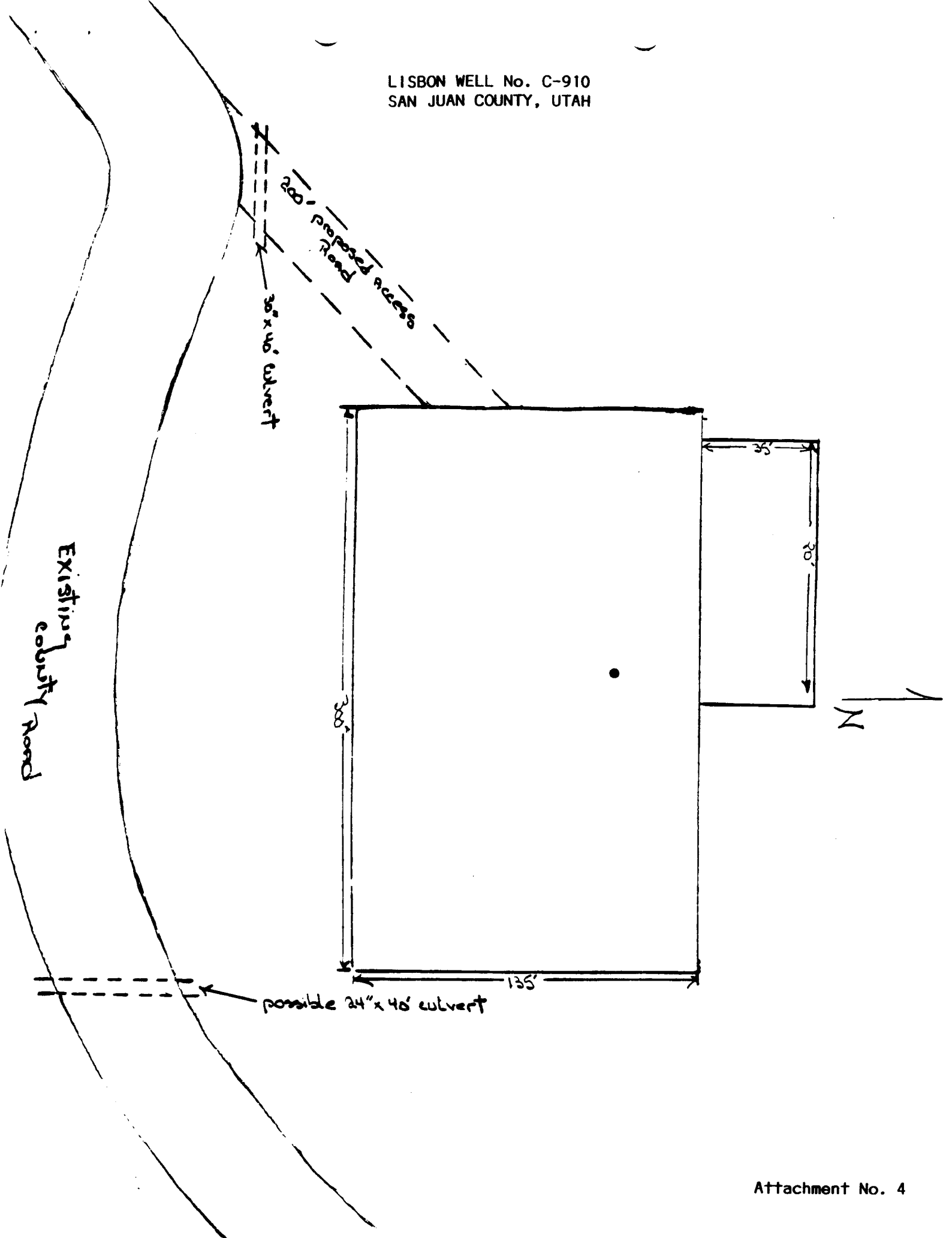
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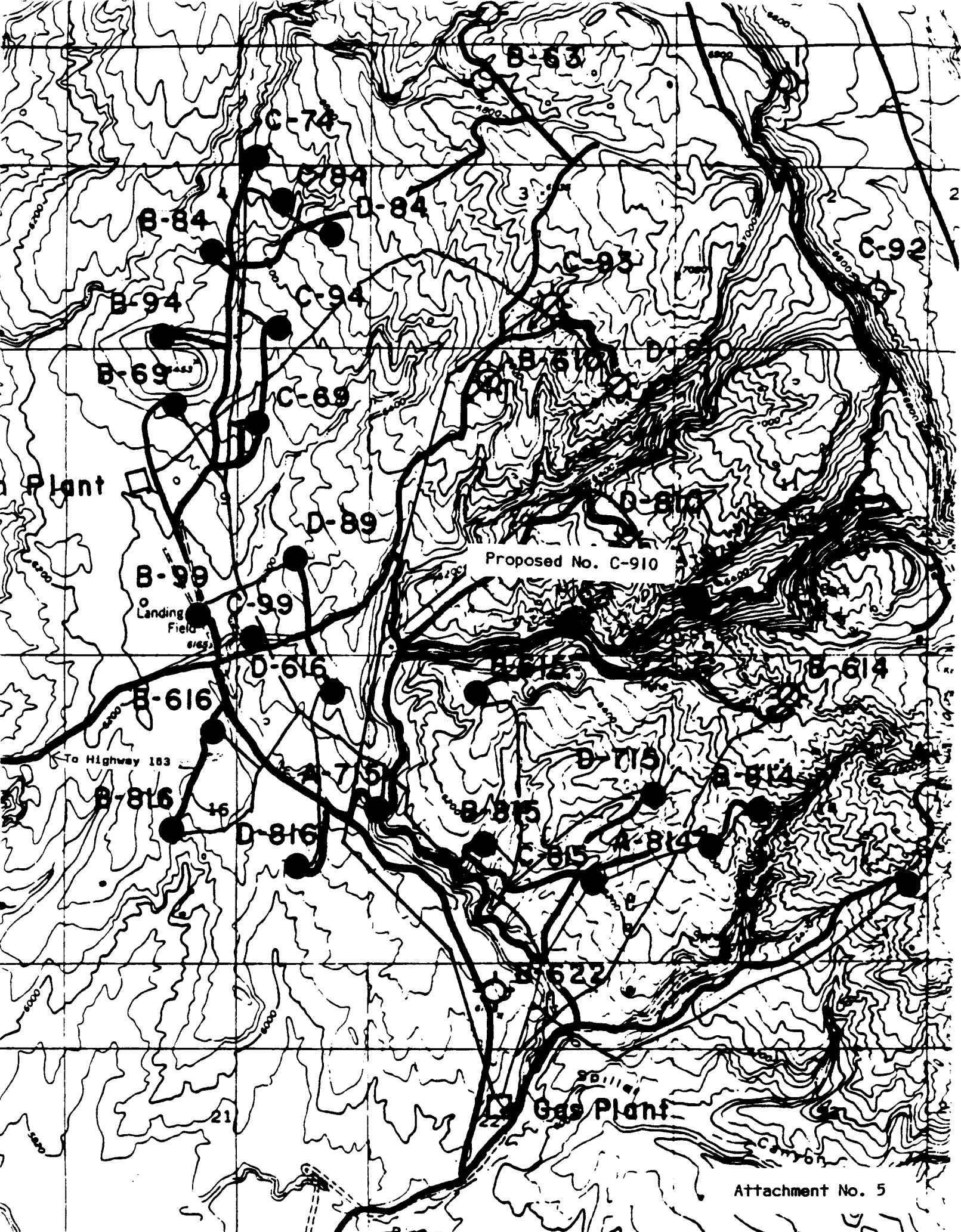


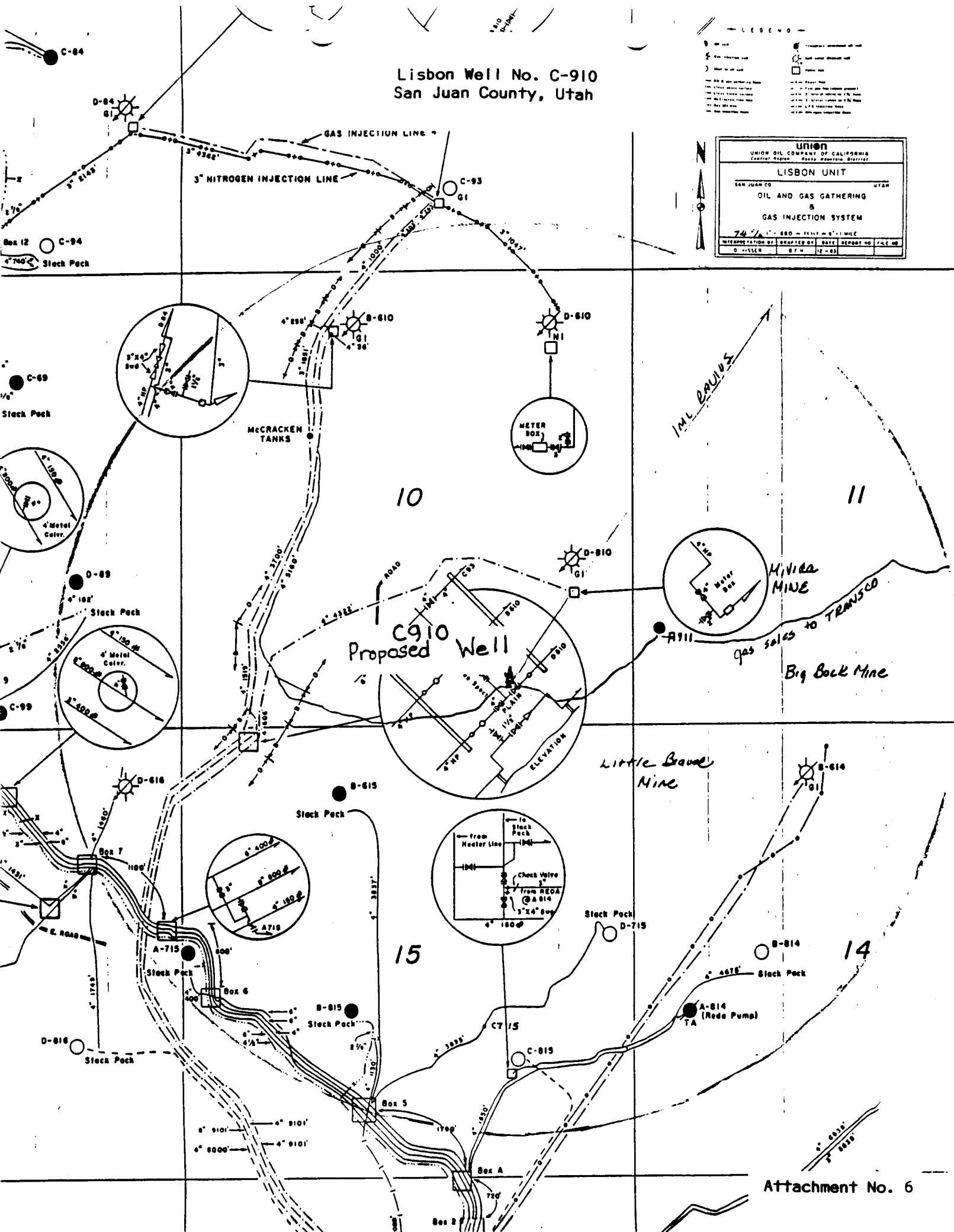
District Drilling Superintendent



LISBON WELL No. C-910  
SAN JUAN COUNTY, UTAH





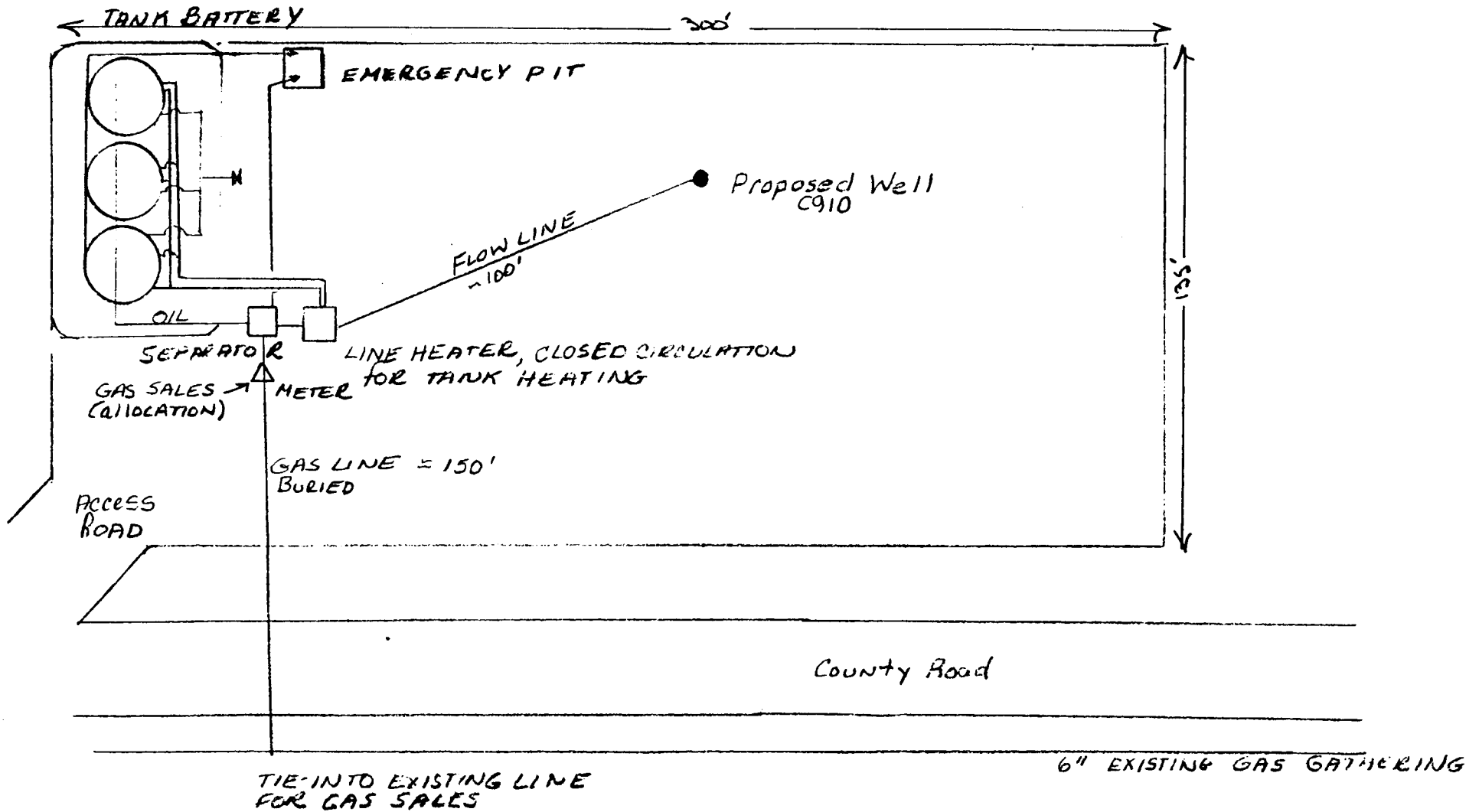
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PROPOSED PRODUCTION DAD

MCCRACKEN C910

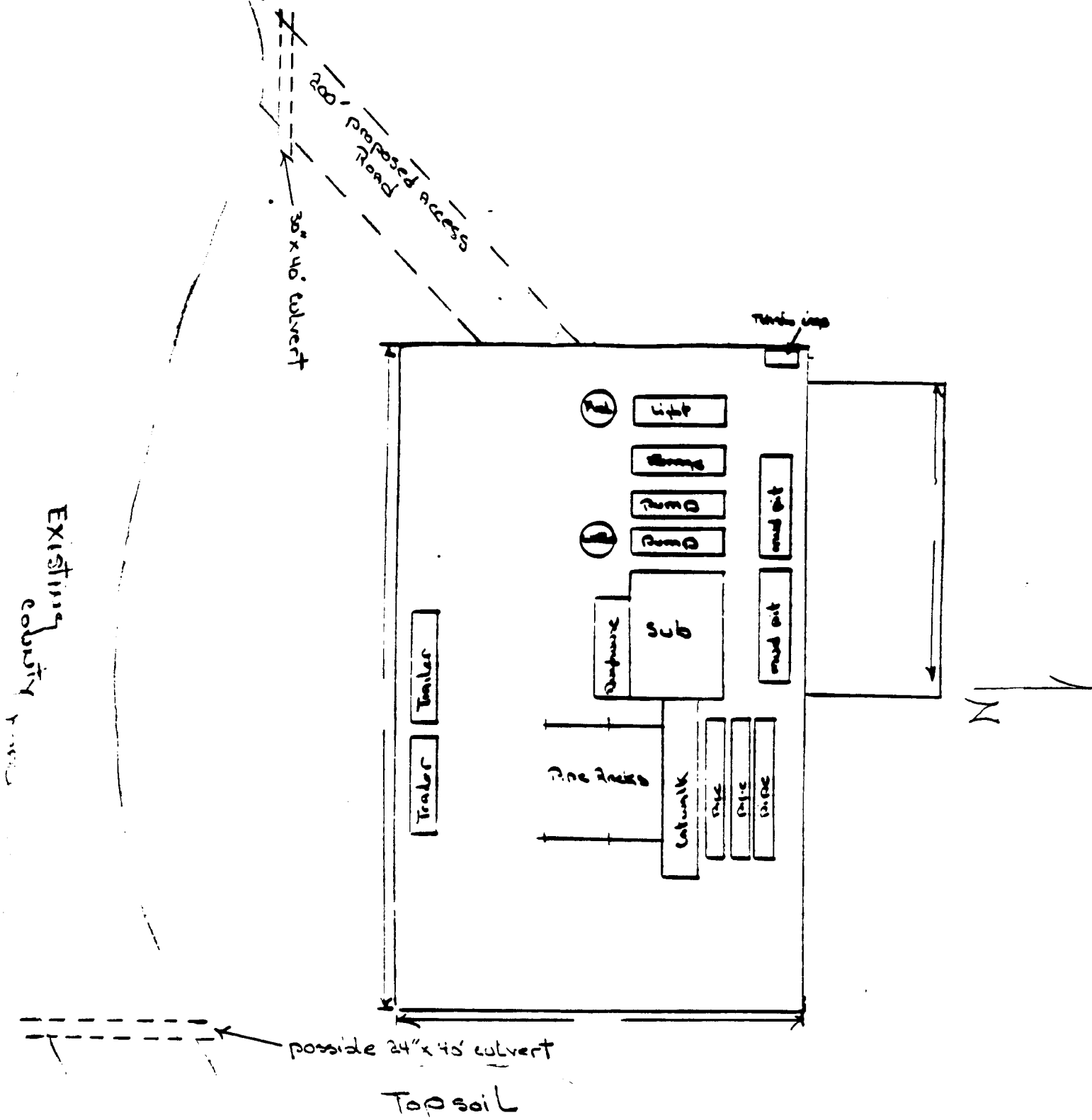
LISBON FIELD, SAN JUAN COUNTY, UTAH

SEC 10 T30S R24E

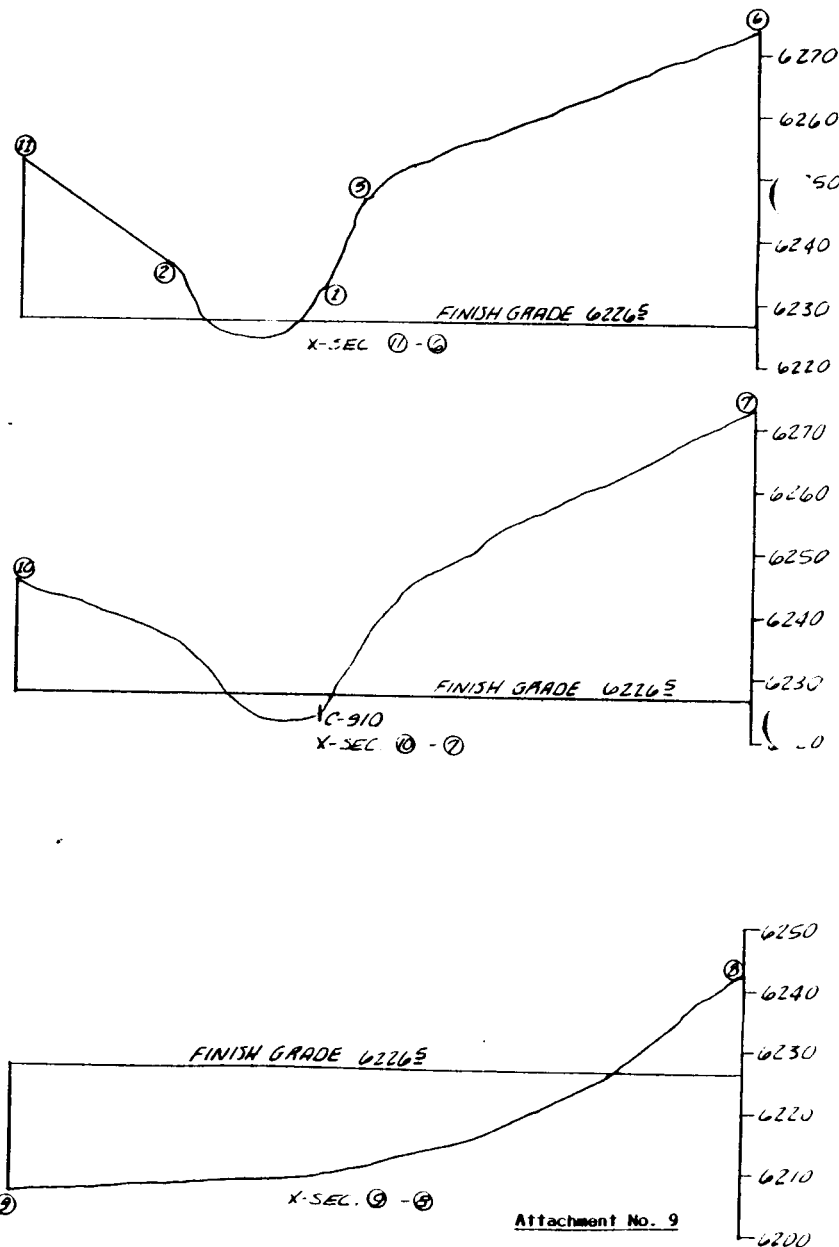


SCALE: NONE

Lisbon Well No. C-910  
San Juan County, Utah



FOR: UNOCAL  
LISBON WELL N° C-910  
LOCATED IN  
SEC. 10, T30S. R24E, S. 1. B. 6M.  
SAN JUAN CO, UTAH  
HORIZ. SCALE: 1"=50'  
VER. SCALE: 1"=20'  
APRIL 30, 1987  
J. E. KEOGH, UTAH R. L. S. N° 1963



## H<sub>2</sub>S CONTINGENCY PLAN

Lisbon Well No. C-910

### I. EMERGENCY TELEPHONE NUMBERS:

1. Ambulance:
  - a) Moab - 801-259-7403
  - b) Monticello - 801-587-2116
2. Hospital:
  - a) Moab - Allen Memorial Hospital - 801-259-7191
  - b) Monticello - San Juan County Hospital - 801-587-2116
3. Doctors:
  - a) Blanding - Dr. James Redd, M.D. - Office - 801-678-2251
  - b) Monticello - Dr. Carroll Goon, G.S. - Office - 801-587-2282  
Dr. Jerrold Smith, G.S. & G.P. - Office - 801-587-2522
4. Helicopter Services:
  - a) Arrowhead Helicopters, Inc. - Moab - 801-259-5956
5. Veterinarian:
  - a) Moab - Spanish Valley Veterinary Clinic - 801-259-5216  
Emergency - 801-259-5773
6. Utah State Highway Patrol:
  - a) Moab - 801-259-5441
  - b) Monticello - 801-587-2662
7. County Sheriff:
  - a) Moab - 801-259-8115
  - b) Monticello - 801-587-2231
8. Utah State National Guard:
  - a) Provo - 801-375-4826
9. Civil Defense Agency:
  - a) Salt Lake City - 801-533-4000
  - b) Moab - Cliff Aldridge - 801-259-7575
10. Fire Department:
  - a) Moab - 801-259-5551
  - b) Monticello - 801-587-2500

II. GOVERNMENT AGENCIES - TELEPHONE NUMBERS:

1. Bureau of Land Management:
  - a) Salt Lake City - 801-524-5311
  - b) Moab - 801-259-6111
2. United States Forest Services:
  - a) Moab - 801-259-7155
  - b) Manti-LaSal National Forest - Price - 801-637-2817
  - c) District Rangers Office - Moab - 801-259-8415
3. Environmental Protection Agency:
  - a) Denver, CO - 303-837-3895
4. Utah State, Department of Environmental Quality:
  - a) Health Services Division - Salt Lake City - 801-523-6121
5. Utah State, Department of Wildlife Resources:
  - a) Price - 801-637-3310
6. Utah State, Division of Oil, Gas and Mining:
  - a) Salt Lake City - 801-533-5771

III. COMPANY & CONTRACTOR - TELEPHONE NUMBERS:

1. Union Oil Company of California Personnel:
  - a) Union Oil Company Office - Casper, Wyoming - 307-234-1563
  - b) District Operations Manager - Lon Pardue - 307-266-5400
  - c) District Drilling Superintendent - Ralph Ladd, Jr. - 307-265-6317
  - d) Drilling Engineer - Jim Benson Mobile - 307-265-4591
  - e) Drilling Foreman - Frank Gillespie Mobile - 307-237-1598
  - Mobile - 307-265-4761
  - Mobile - 307-577-0631
  - Mobile - 307-265-4374
2. Drilling Contractor:
  - a) Drilling Superintendent - Not Available
  - b) Toolpusher - Not Available
  - c) Toolpusher - Not Available
  - d) Rig Telephone - Not Available
3. Mud and Chemicals Company:
  - a) District Manager - Not Available
  - b) Mud Engineer - Not Available
  - c) Mud Engineer - Not Available
  - d) Warehouse - Not Available



III. COMPANY & CONTRACTOR - TELEPHONE NUMBERS: (Cont.)

4. W & C Construction Company:
  - a) Farmington, New Mexico - 505-325-1991  
Earth-moving equipment, dozers, backhoes, trucks, floats, etc.
5. Crowley Construction:
  - a) Monticello - 801-587-2377  
Earth-moving equipment, dozers, backhoes, trucks, floats, etc.
6. Moab Brine Company:
  - a) Moab - 801-259-5751  
Liquid transport, semi- and bob- tail rigs
7. Halliburton Services:
  - a) Farmington, New Mexico - 505-325-3575  
High-pressure pumping equipment and cementing services
8. Dowell Division:
  - a) Grand Junction, Colorado - 303-241-0550  
High-pressure pumping equipment and cementing services
9. Safety International, Inc.:
  - a) Darrel Loyd - Cortez, Colorado Office - 303-565-7455  
Residence - 303-565-3582  
H<sub>2</sub>S safety specialists with all necessary safety equipment  
available on rental or lease basis, including monitors, breathing  
equipment, signs, flags, first-aid equipment, personnel training,  
on-site supervision, etc.
10. Moore Engineering and Sales:
  - a) Englewood, Colorado - 303-789-1009  
Oil spill clean-up and containment equipment.
11. Dalqarno:
  - a) Moab - 801-259-6844  
Heavy hauling of all types of material, both liquid and dry  
bulk material. Transportation of any type of equipment.
12. W. R. Hall Transportation:
  - a) Grand Junction, Colorado - 303-243-3210  
Heavy hauling of all types of material. Transportation of any  
type of equipment.
13. Rio Algom Corporation:
  - a) LaSal - 801-259-5904  
Operator of MiVida Mine. Contact Mr. Lotten or Mr. Person to  
evacuate personnel from the mining area.

H<sub>2</sub>S CONTINGENCY PLAN  
H<sub>2</sub>S EMERGENCY INSTRUCTIONS  
Lisbon Well No. C-910

In the event that H<sub>2</sub>S is detected by one of the electronic monitors, in a concentration greater than 10ppm, visual and audio alarms will be activated on the rig floor and in the toolpusher trailer houses.

The driller will put on a five-minute emergency escape pack. He will then shut the well in, if possible, and evacuate to the upwind briefing area.

All other personnel will evacuate immediately to the upwind briefing area.

The toolpusher and/or company supervisor will account for all personnel and appraise the situation.

If a person is unaccounted for, two men will put on fresh-air breathing equipment and with safety ropes attached, will make a search of the location for the missing individual, using the buddy system and staying within eye-sight of each other at all times.

If it is determined that an emergency situation exists -- All fresh air breathing equipment will be checked for proper functioning prior to entering the hazardous area. Only personnel trained in the use of fresh-air breathing equipment will be allowed to enter the area. No one will enter the area alone or without a life-line attached and no one will enter the area without fresh-air breathing equipment in use.

The driller and motor man will go to the rig control station.

The derrick man will go to the remote BOP control station accompanied by a floor man.

One floor man will go to the access road, put up flags and signs and stop unauthorized personnel from entering the location.

The mud loggers, geologists, and other personnel not directly involved in controlling the situation will remain at the briefing area.

The Union Oil Company supervisor and the toolpusher will direct the work toward bringing the well under control.

The Union Oil Company district office will be notified by the Union Oil supervisor of the problem as soon as possible. The district office will then notify authorities, government agencies, etc., as deemed necessary by the men on location. Any persons known to reside in the area will be contacted and informed of the situation. In the event that contact cannot be made, assistance from the local law enforcement will be requested to locate the individuals.

The floor man assigned to stop unauthorized personnel from entering the location may be asked to notify the residents in the area of the situation if conditions warrant.

The Following Safety Equipment will be Located:

A. Air Packs:

- 1 - 1 - 5-minute escape pack on the derrick
- 4 - 5-minute escape packs in the dog-house
- 1 - 30-minute pack in each trailer
- 1 - 30-minute pack in mud shed
- 1 - 30-minute pack at bottom of stairs to floor

Total: 7 - 30-minute packs  
7 - 5-minute packs (Robertshaws)  
7 - Airline work units

B. Cascade System:

- 10 - 380 cu. ft. cylinder air supply system
- 1 - 5-outlet manifold on floor
- 1 - 5-outlet manifold on mud tanks
- 7 - line masks (same as 5-minute packs)
- 1000' - Low-pressure air-line hose with quick-connects

C. Detection Equipment:

- 1 - Tac Monitor with a sensor at bellnipple, one on floor and one at shaker. A siren and light will be positioned in derrick so to be seen from all points on location.
- 2 - Hand-sampling gas detectors will be used to check areas not covered by automatic monitoring equipment.

D. This equipment is available for persons normally on location. This includes the five-man crew, toolpusher, drilling supervisor, and mud loggers. Maximum number of people to be on location during normal drilling operations should range from ten to twelve.

- 1. Two areas on location will be designated as BRIEFING AREAS. The one that is upwind from the wellbore will be designated as the "SAFE BRIEFING AREA." The SAFE BRIEFING AREA will be recognized by the positioning of the safety trailer in this area.
- 2. The safety trailer will contain the equipment listed above and will have a wind sock or streamer to indicate wind direction.
- 3. A second wind sock or streamer will be located at the end of the catwalk and be visible from the rig floor.
- 4. A third wind sock at the entrance to location.
- 5. A fourth wind sock will be located on the steel mud pits.
- 6. A fifth wind sock will be located on the rig fuel tank.

7. A condition warning sign will be displayed at the entrance of the location regarding current operation conditions.
8. Three road cones will be available to block the entrance to the location should an emergency occur.

#### H<sub>2</sub>S TRAINING AND PROTECTION

1. H<sub>2</sub>S Training and Drills:

All personnel shall be instructed and certified one week prior to penetrating an expected hydrogen sulfide zone. Training will include: The correct use of the air masks, wind socks, safety ropes, and oxygen resuscitator, instruction on artificial respiration and on the emergency procedure.

H<sub>2</sub>S drills will be held periodically. The company representative along with the toolpusher, shall plan and activate the drills. They will activate, without warning, the H<sub>2</sub>S alarm and participate in the drill. The crew will proceed to put on a mask and secure the well as per posted drilling procedure.

2. A Safety Supervisor will be on site when drilling or testing the H<sub>2</sub>S bearing zones.

SAFETY EQUIPMENT TO BE SET UP ON LOCATION

1	Complete H <sub>2</sub> S Safety Trailer
8	Bottle Cascade
7	30-minute Rescue Units
7	5-minute Work/Escapes Units
7	5-minute Escape Capsules
1,000'	Air-line Hose
1	Filler Hose for Work Units
6	Windssocks
1	Well Condition Sign with Flags (4x4)
1	H <sub>2</sub> S Caution Sign (4x4)
2	Briefing Area Signs (4x4)
1	Gastec Hand-detector with Tubes
1	Flare Gun with Shells
1	Fire Blanket
1	Stretcher
1	Resuscitator
3	Traffic Cones
2	Safety Ropes with Harness
1	Three-Channel Monitor w/Alarms (Texas Analytical set at 10ppm with light and sirens)
1	Bug Blower
1	2-Bottle Cascade System at #2 Briefing Area
1	First Aid Kit
1	Set Air Splints

## H<sub>2</sub>S EMERGENCY INSTRUCTIONS

### RADIUS OF EXPOSURE

Lisbon Well No. C-910

Data obtained from other wells in the area indicates that the expected H<sub>2</sub>S concentration associated with oil or gas production may be as high as 10,000 ppm.

Using the formulae:

$$R_{100} = (1.589 \times (\text{mole frac}) \times Q)^{0.6258}$$

and

$$R_{500} = (0.4546 \times (\text{mole frac}) \times Q)^{0.6258}$$

where:

$R_{100}$  = radius of exposure to 100 ppm concentration in ft.

$R_{500}$  = radius of exposure to 500 ppm concentration in ft.

$Q$  = gas volume in cubic ft/day.

a maximum expected or attainable flow rate of 21,500,000 scf/d of gas with a concentration of 10,000 ppm yields:

$$R_{100} = 2900' = 0.55 \text{ mile}$$

$$R_{500} = 1326' = 0.25 \text{ mile}$$

A 100 ppm concentration is not dangerous and can be worked in safely for a limited amount of time. A 500 ppm concentration is dangerous and can be fatal. A 500 ppm concentration is unsafe and fresh-air breathing equipment must be used in this environment.

There are no permanent residents within a 1/2 mile radius of the proposed location; however, the access road to the MiVida Mine is south of the drillsite and the mine may operate on a 24-hour basis. In the event of an emergency, the road will be blockaded and the operators of the MiVida Mine (Rio Algom Corp.) will be notified to evacuate any personnel from the area. (See Attached Map.)

There will be signs posted on and along the access road warning of potential H<sub>2</sub>S danger. If an emergency situation occurs, the county sheriff will be asked to barricade the road at a distance of approximately 1/2 mile from the location. All public access to the area would then be eliminated during the time of the emergency.

In the event that it is necessary to abandon the location entirely, escape from the location can be accomplished along the access road or by means of a path. The access road goes away from and perpendicular to the prevailing wind direction and will be well marked with flags. The path will be perpendicular to the prevailing wind direction and will also be well marked with flags. All personnel will be familiar with the path and will have a working knowledge of the terrain in the area.

Two briefing areas will be set up and maintained on location. The briefing areas will be equipped with seven fresh-air units, first-aid equipment, life lines, and instructions for emergencies. Flags will be located at each briefing area, at the end of the catwalk, and alongside the access road to the location.

H<sub>2</sub>S detectors will be placed at the drilling nipple, the shale shaker, in the cellar, and on the rig floor. The detectors will be connected to audio and visual alarms on the rig floor and in the trailer houses. The detectors will be set at a 100 ppm concentration alarm level. A ventilation fan will be installed under the rig floor.

#### Additional Information

This well will be drilled in the late summer and fall. Operations will begin in June or July and should be completed by the end of



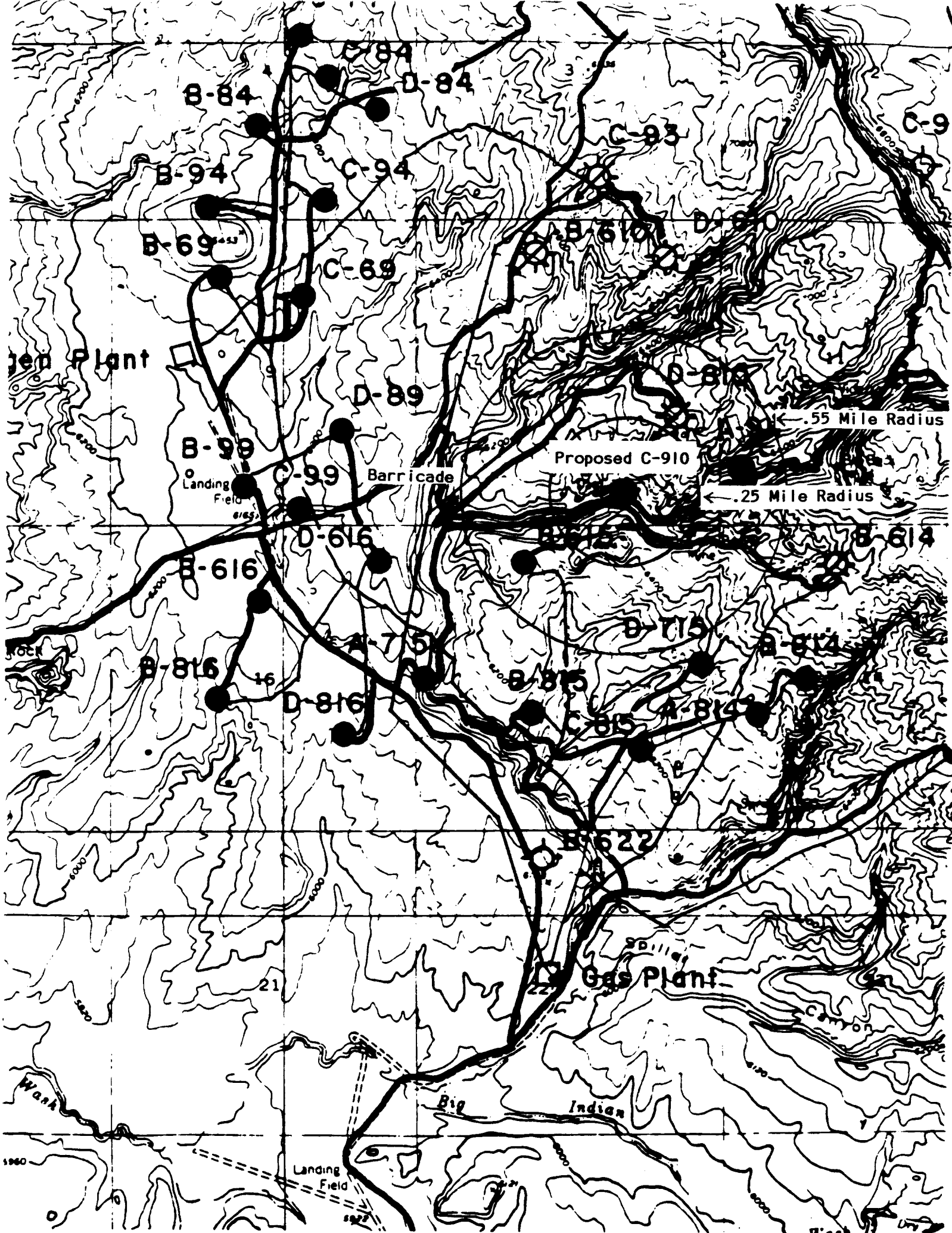
August. Thus, changing weather conditions should not present a problem or cause a change in the contingency plans.

All personnel of the drilling contractor and Union Oil Company representatives will be adequately trained in H<sub>2</sub>S safety, the use of emergency equipment, and first aid, as well as emergency procedures.

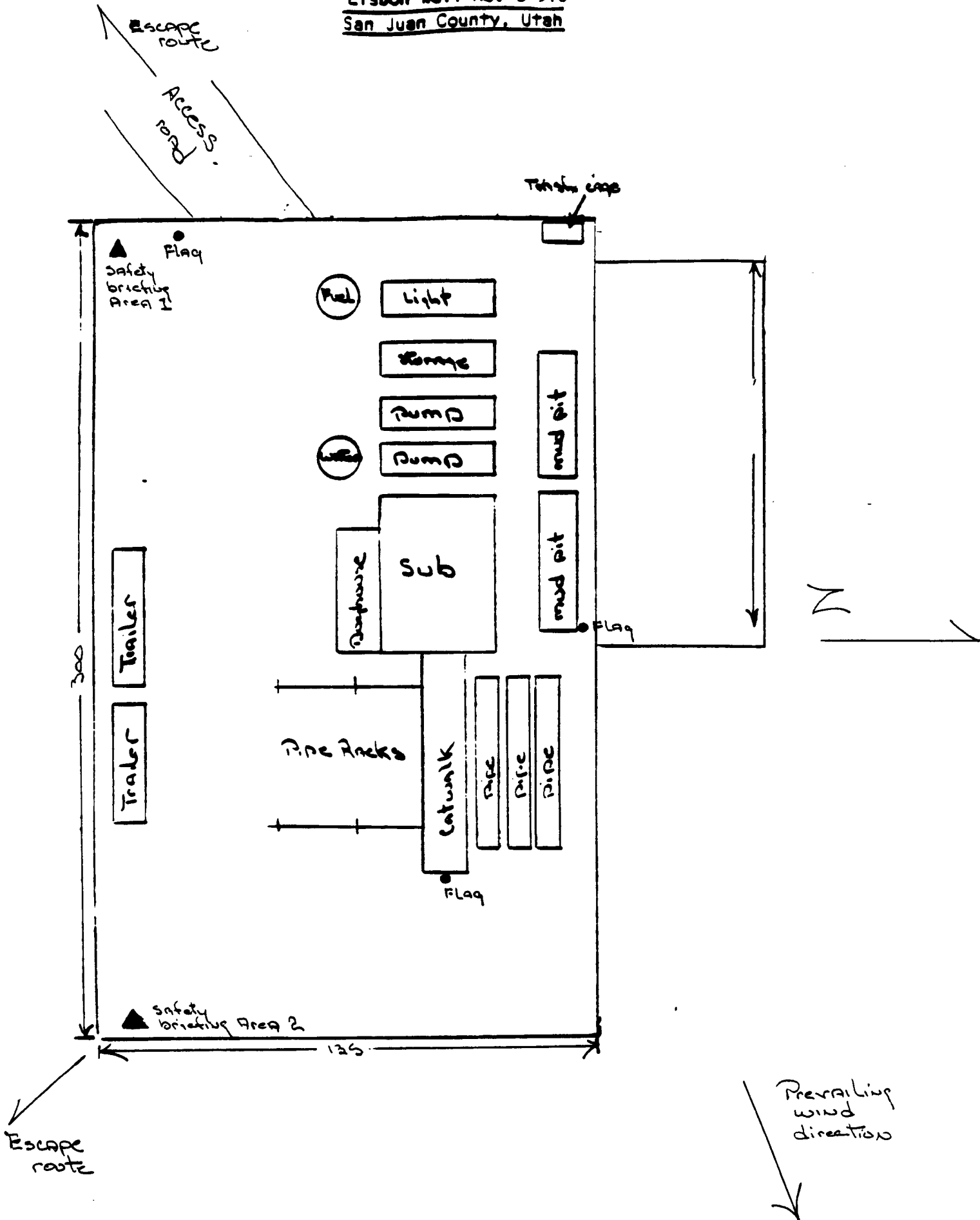
All drilling equipment and wellhead equipment will be designed to minimize H<sub>2</sub>S damage and will meet standards for H<sub>2</sub>S service.

Ironite sponge and ammonia will be maintained on location and will be added to the mud system if H<sub>2</sub>S is detected. In addition, zinc carbonate will be maintained in the mud system at approximately five lbs. per bbl. Zinc carbonate will reduce H<sub>2</sub>S at a ratio of one lb. zinc carbonate to 500 ppm H<sub>2</sub>S. All produced fluid from the well on drill stem tests or swabbing will be handled through a low-pressure separator. Gas will then be diverted to a flare pit and burned. During any such operations, the gas will be ignited by a continuous pilot light.

In the event of an uncontrolled blowout, the county sheriff of San Juan County, Utah and/or a qualified Union Oil Company representative will have the authority to ignite the well so as to eliminate H<sub>2</sub>S gas in the immediate area of the wellsite.



Lisbon Well No. C-910  
San Juan County, Utah



AN ARCHEOLOGICAL SURVEY OF  
UNION OIL OF CALIFORNIA'S  
LISBON UNIT C-9,10  
WELL SITE, ACCESS ROAD, PIPELINE,  
AND TANK BATTERY,  
SAN JUAN COUNTY, UTAH

LAC REPORT

by  
Barry N. Hibbets

LA PLATA ARCHEOLOGICAL CONSULTANTS, INC.  
P.O. BOX 783  
DOLORES, COLORADO 81323  
(303) 882-4933

May 5, 1987

Federal Antiquities Permit  
85UT57626  
Utah State Permit  
U87-LA-206(b)

Prepared For:  
Unocal  
P.O. Box 2620  
Casper, Wyoming 82602

## **ABSTRACT**

During May, 1987, an archeological survey of Unocal's proposed Lisbon Unit C-9, 10 well site, access road, tank battery, and pipeline right-of-way was conducted by personnel of La Plata Archeological Consultants, Inc. The project area is located in north-central San Juan County, Utah, on land administered by the Bureau of Land Management - Grand Resource Area. An area 800 x 1000' (18.37 acres), which will accommodate all of the project features, was archeologically surveyed. No cultural resources were encountered during the investigation, and archeological clearance is recommended.

## **INTRODUCTION**

On May 3, 1987, an archeological survey of Unocal's proposed Lisbon Unit C-9, 10 well site, access road, and tank battery was conducted by Mr. Barry N. Hibbets of La Plata Archeological Consultants, Inc. The project area is located in north-central San Juan County, Utah, land administered by the Bureau of Land Management - Grand Resource Area. The area is positioned in the S 1/2 of the SE 1/4 of section 10, Township 30 South, Range 24 East. It is contained on the Hatch Rock, Utah, 1954, 15' series topographic quadrangle. An area 800 x 1000' (18.37 acres), which will accommodate all of the project features, was archeologically surveyed.

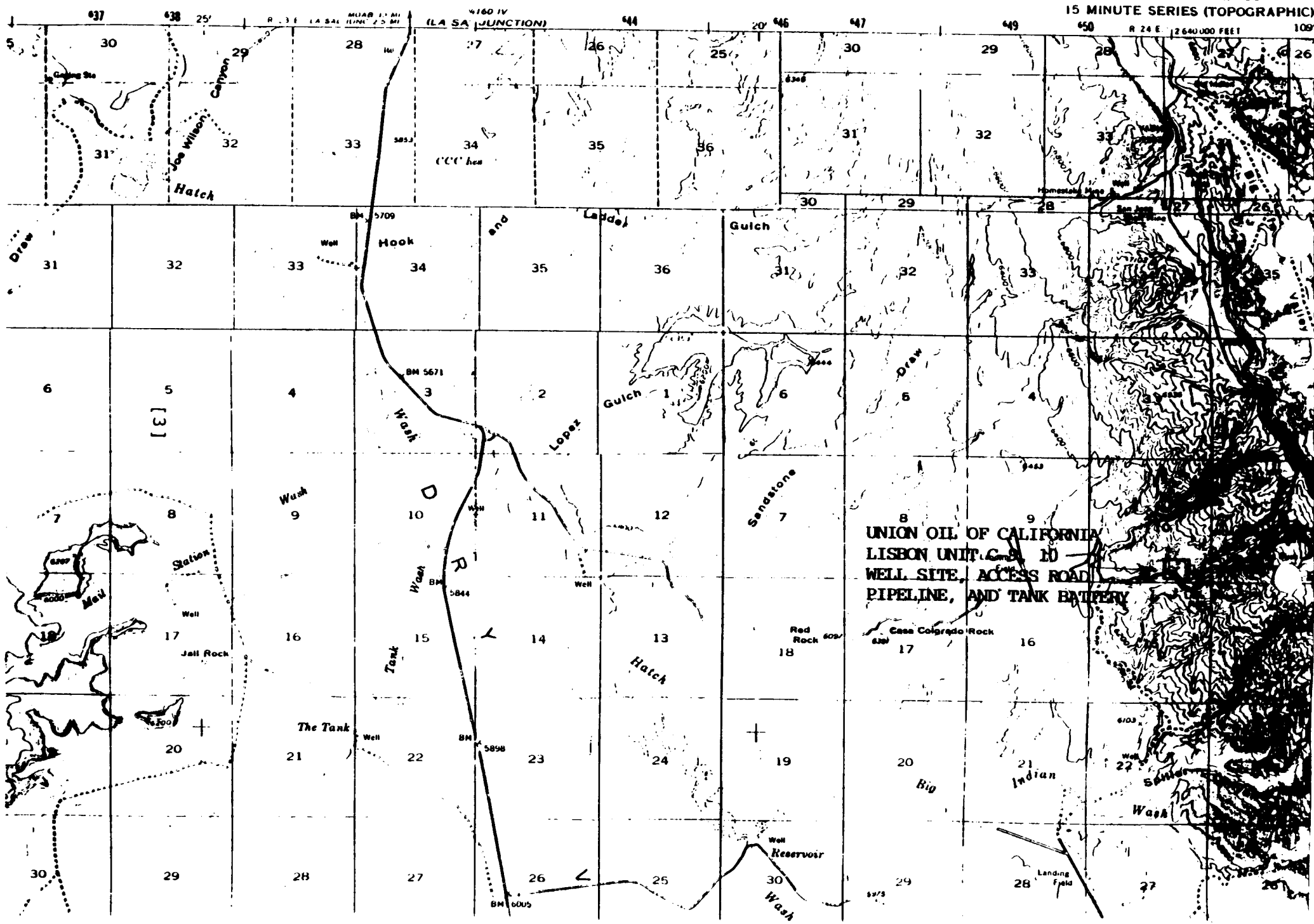
## PHYSIOGRAPHY AND ENVIRONMENT

The project area is located on the lower benches and floor of an unnamed steep walled canyon which flows southwesternly into Spiller Canyon and subsequently Big Indian Wash. The well site and tank-battery is located on an eroded bench directly north and 40 to 80 vertical feet above the canyon floor. It is bounded on the north and east by vertical sandstone cliffs. The proposed pipeline extends westerly from the well site to the canyon floor, connecting with an existing paved county road. The proposed pipeline extends southerly from the tank battery and connects with an existing pipeline on the canyon floor. Terrain is extreme, and ranges from steep talus and scree slopes to vertical cliffs. An array of aspect headings are present, although southern to southwestern headings characterize most of the area. Elevations range from 6160 to 6440' MSL.

The vegetative structure of the area is predominately a pinyon pine-juniper climax association. Other major species include mountain mahogany, serviceberry, prickly pear, ephedra, golden rabbitbrush, wide-leaf yucca, and snakeweed. Scattered willow tamarisk are present on the canyon floor.

Sediments, when present, consist of non-sorted colluvium ranging from sand to boulder-size detritus. Barren sandstone slickrock is exposed throughout the area. The canyon floor is composed of silt to sand size alluvium, but is virtually 100% destroyed from road and pipeline construction.

HATCH ROCK QUADRANGLE  
UTAH—SAN JUAN CO.  
15 MINUTE SERIES (TOPOGRAPHIC)



Present perennial water sources are restricted to widely scattered seeps and springs, usually located at sandstone-shale contacts on canyon slopes. Major washes and arroyo carry water seasonally.

Avian, reptilian, and mammalian associations are consistant with those of the Upper Sonoran Life Zone throughout the Colorado Plateau.

#### **SURVEY PROCEDURE**

Prior to the initiation of the field work a site file and literature review was conducted through the Utah Division of State History - Antiquities Section. The results of this review concluded that no previously recorded sites are present in the project area.

On-the-ground survey was conducted by the single archeologist systematically walking over the project area via a series of parallel east-west transects spaced at 15 meter intervals. An area 800 x 1000' (18.37 acres), large enough to accomodate the well site, access road, pipeline, and tank battery, was archeologically surveyed. No subsurface probings or excavations were attempted.

#### **SURVEY RESULTS**

No cultural resources were encountered during the examination.

#### **SUMMARY AND RECOMMENDATIONS**

On May 3, 1987, an archeological survey of Unocal's proposed Lisbon Unit C- 9, 10 well site, access road, tank battery, and pipeline right-of-way was conducted by Mr.



Barry N. Hibbets of La Plata Archeological Consultants, Inc. The project area is located in north-central San Juan County, Utah, on land administered by the Bureau of Land Mangement - Grand Resource Area. An area 800 x 100' (18.37 acres), large enough to accomodate all of the proposed project features, was archeologically examined.

No cultural resources were encountered during the examination. The nature of the sediments present makes it highly unlikely that buried cultural deposits are present. Archeological clearance for Unocal's proposed Lisbon Unit C-9, 10 well site, access road, tank battery, and pipeline right-of-way is recommended.

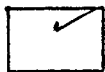
052805

OPERATOR Union Oil Company DATE 5-13-87  
 WELL NAME Lisbon #C-910  
 SEC SW 10 T 30S R 24E COUNTY San Juan

43-037-31323  
 API NUMBER

Federal  
 TYPE OF LEASE

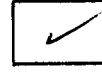
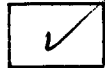
## CHECK OFF:



PLAT



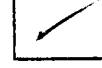
BOND

NEAREST  
WELL

LEASE



FIELD

POTASH OR  
OIL SHALE

## PROCESSING COMMENTS:

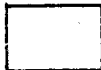
No other producing well in Sec. 10

Need water permit

Exception letter requested -

## APPROVAL LETTER:

SPACING:



203

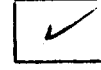
UNIT



302



CAUSE NO. &amp; DATE



302.1

(Permitted on  
lease basis)

## STIPULATIONS:

1- Water

2- Subject well <sup>will not</sup> be completed in the  
Mississippian formation.

Unocal Oil & Gas Division  
Unocal Corporation  
900 Werner Court, P.O. Box 2620  
Casper, Wyoming 82602-2620  
Telephone (307) 234-1563

**UNOCAL** 

May 19, 1987

**RECEIVED**  
MAY 21 1987

**DIVISION OF  
OIL, GAS & MINING**

State of Utah  
Natural Resources  
Oil, Gas & Mining  
355 W. North Temple  
3 Triad Center - Ste. 350  
Salt Lake City, UT 84180-1203

Attn: Ron Firth  
Director

Re: Application for Permit to Drill  
Lisbon Well No. C-910  
SW SE, Sec. 10, T.30S., R.24E.  
San Juan Co., Utah  
(Lease U-014903)

Gentlemen:

Concerning Union Oil Company's Application for Permit to Drill the Lisbon C-910 well in the Lisbon Field, San Juan County, Utah, Union owns the mineral rights in all of Section 10, Township 30 South, Range 24 East, except for the west half of the northwest quarter. This 80-acre lease is jointly owned by Union and Mobil Oil Corporation. The proposed location of 622' FSL and 1452' FEL is determined by topography and cannot practically be moved.

If there is additional information you need, please let us know.

Yours very truly,

UNION OIL COMPANY OF CALIFORNIA



Alan D. Sharpnack  
District Engineer

ADS:pd



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

Norman H. Bangerter, Governor  
Dee C. Hansen, Executive Director  
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

May 27, 1987

Union Oil Company of California  
P. O. Box 2620  
Casper, Wyoming 82602-2620

Gentlemen:

Re: Lisbon C-910 - SW SE Sec. 10, T. 30S, R. 24E - San Juan County  
(Surf.) 622' FSL, 1452' FEL; (BHL) 1300' FSL, 1700' FEL

Approval to drill the referenced well is hereby granted in accordance with Rule 302.1, Oil and Gas Conservation General Rules, subject to the following stipulations:

1. Prior to commencement of drilling, receipt by the Division of evidence providing assurance of an adequate and approved supply of water as required by Chapter 3, Title 73, Utah Code Annotated.
2. Subject well will not be completed in the Mississippian formation.

In addition, the following actions are necessary to fully comply with this approval:

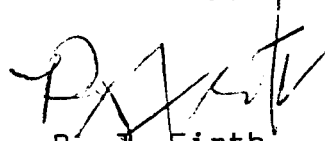
1. Spudding notification to the Division within 24 hours after drilling operations commence.
2. All well operators are responsible for sending an Entity Action Form to the Division of Oil, Gas and Mining within five working days of the time that a new well is spudded or a change in operations or interests necessitates a change in Entity status.
3. Submittal to the Division of completed Form OGC-8-X, Report of Water Encountered During Drilling.
4. Prompt notification to the Division should you determine that it is necessary to plug and abandon this well. Notify John R. Baza, Petroleum Engineer, (Office) (801) 538-5340, (Home) 298-7695, or R. J. Firth, Associate Director, (Home) 571-6068.

Page 2  
Union Oil Company of California  
Lisbon C-910  
May 27, 1987

5. Compliance with the requirements and regulations of Rule 311.3, Associated Gas Flaring, Oil and Gas Conservation General Rules.
6. Prior to commencement of the proposed drilling operations, plans for toilet facilities and the disposal of sanitary waste at the drill site shall be submitted to the local health department having jurisdiction. Any such drilling operations and any subsequent well operations must be conducted in accordance with applicable state and local health department regulations. A list of all local health departments and copies of applicable regulations are available from the Division of Environmental Health, Bureau of General Sanitation, telephone (801) 533-6163.
7. This approval shall expire one (1) year after date of issuance unless substantial and continuous operation is underway or an application for an extension is made prior to the approval expiration date.

The API number assigned to this well is 43-037-31323.

Sincerely,



R. J. Firth  
Associate Director, Oil & Gas

as  
Enclosures  
cc: Branch of Fluid Minerals  
D. R. Nielson  
8159T

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1A. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

B. TYPE OF WELL

OIL  
WELL ☒

GAS  
WELL ☐

OTHER

SINGLE  
ZONE ☒

MULTIPLE  
ZONE ☐

2. NAME OF OPERATOR

Union Oil Company of California

3. ADDRESS OF OPERATOR

P. O. Box 2620 - Casper, WY 82602-2620

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*

At surface

622' FSL & 1452' FEL (SW SE)

At proposed prod. zone

1300' FSL & 1700' FEL

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

Approximately 37 miles southeast of Moab, Utah

15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drig. unit line, if any)

622'

16. NO. OF ACRES IN LEASE

880

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

160

18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

2600'

19. PROPOSED DEPTH

8900'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

6223' GR (Ungraded)

22. APPROX. DATE WORK WILL START\*

Immediately Upon Approval

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
				Expected Top

RECEIVED  
JUN 08 1987

DIVISION OF  
OIL, GAS & MINING

24.

SIGNED

*R. G. Ladd, Jr.*

R. G. Ladd, Jr.

TITLE

District Drilling Supt.

DATE

5-8-87

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

/S/ GENE NODINE

DISTRICT MANAGER

JUN 02 1987

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

CONDITIONS OF APPROVAL ATTACHED

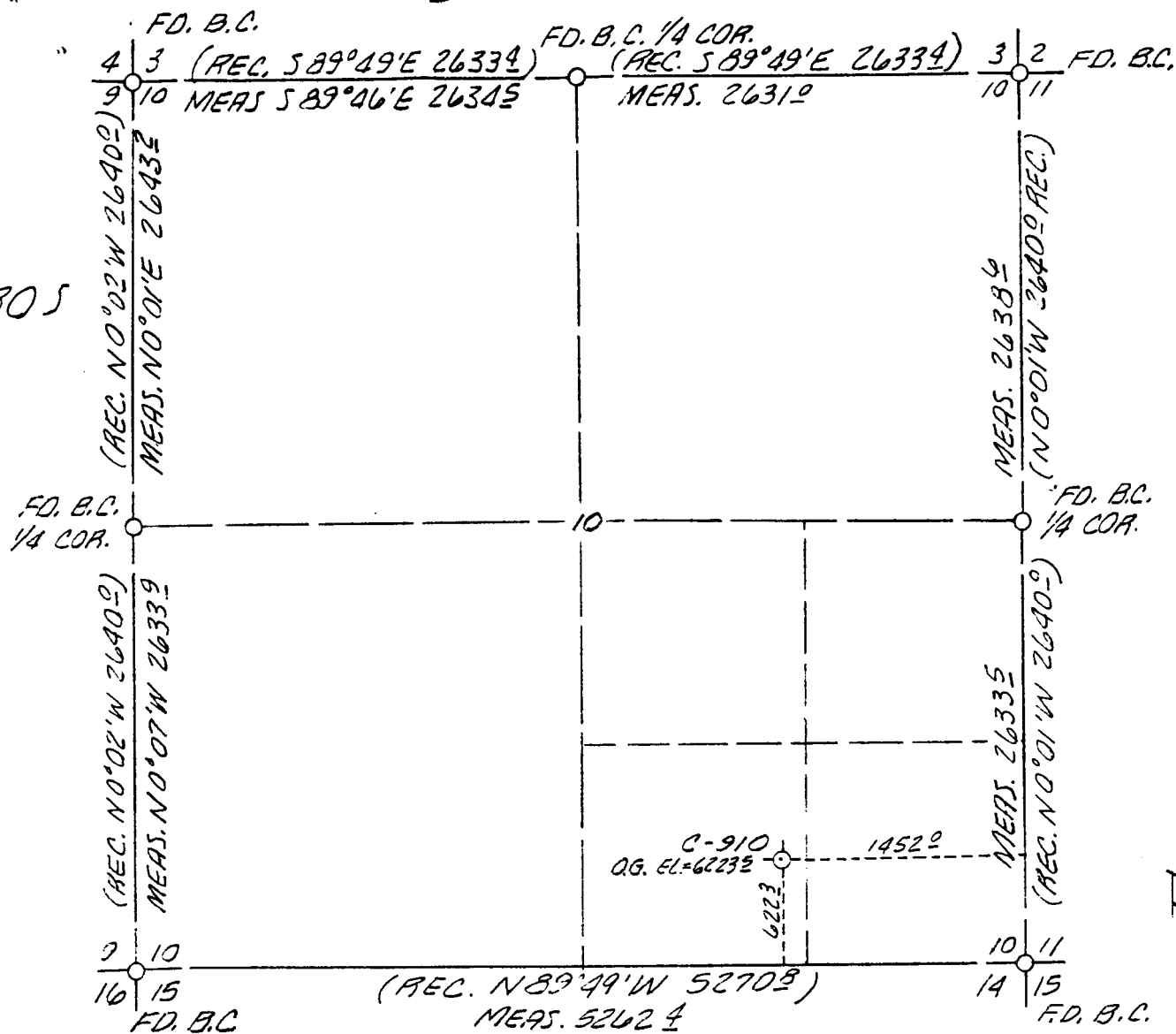
\*See Instructions On Reverse Side

FLARING OR VENTING OF  
GAS IS SUBJECT TO NTL 4-A  
DATED 1/1/80

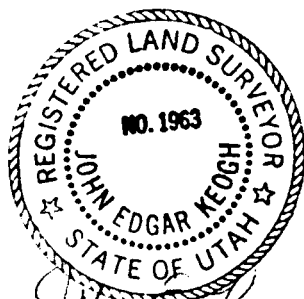
Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Docm

T305



BEARINGS FROM S. LINE S.E. 1/4 SEC. 9  
(S 83° 57' W)



STATE OF UTAH  
John S. Hoyle  
UTAH R.L.S. No 1963

WELL LOCATION PLAT OF  
LISBON WELL N<sup>o</sup> C-910  
IN THE SW 1/4 SE 1/4,  
SEC. 10, T30S, R24E  
S.L.B. & M., SAN JUAN COUNTY, UTAH  
TRANSIT & EDM. SURVEY  
APRIL 30, 1987  
FOR: UNOCAL  
SCALE: 1" = 1000'

ELEV. BY VERT. ANGLES FROM  
U.S.G.S. TOPO QUAD "HATCH ROCK, UTAH  
1954" (SW COR. SEC. 10 EL.=6240)

Union Oil Company of California  
Well No. Lisbon C-910  
Sec. 10, T. 30 S., R. 24 E.  
San Juan County, Utah  
Lease U-014903

#### CONDITIONS OF APPROVAL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Union Oil Company of California is the bonded entity on this application. Liability will remain with the bonded party named above until we are formally notified by letter of the new bonded entity in reference to this Application for Permit to Drill.

#### A. DRILLING PROGRAM

Location is not desirable for H2S operations. However, due to Union Oil's experience in this area, no stipulations will be added.

All lease operations will be conducted in full compliance with applicable regulations (43 CFR 3100), Onshore Oil and Gas Order 1, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions and the approved plan will be made available to the field representative to insure compliance.

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the District Office. If operations are to be suspended, prior approval of the District Office will be obtained and notification given before resumption of operations.

The spud date will be reported orally to the District Office within a minimum of 24 hours prior to spudding. Written notification in the form of a Sundry Notice (Form 3160-5) will be submitted to the District Office within 24 hours after spudding. If the spudding occurs on a weekend or holiday, the written report will be submitted on the following regular work day.

In accordance with Onshore Order No. 1 this well will be reported on Form 3160-6, "Monthly Report of Operations", starting with the month in which operations commence and continued each month until the well is plugged and abandoned. This report will be sent to the District Office, P. O. Box 970, Moab, Utah 84532.



Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported to the Area Office in accordance with requirements of NTL-3A.

If a replacement rig is needed for completion operations, a Sundry Notice (Form 3160-5) to that effect will be filed for prior approval from the District Office, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig. In emergency situations verbal approval to bring on a replacement rig will be approved through the District Office.

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted to the District Office not later than thirty (30) days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the Moab District Manager.

If the well is to be completed for production the Area Office is to be contacted in order to set up a pre-production conference. When the well is placed in a producing status the District Office is to be notified by telegram or other written communication within five working days.

Approval to vent/flare gas during initial well evaluation will be obtained from the District Office. This preliminary approval will not exceed 30 days. Approval to vent/flare beyond this initial test period will require District Office approval pursuant to guidelines in NTL-4A.

No well abandonment operations will be commenced without the prior approval of the District Office. In the case of newly-drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the District Office. A Subsequent Report of Abandonment (Form 3160-5) will be sent to the District Office within 30 days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the Area Office, or the appropriate surface managing agency. Upon completion of approved plugging a dry hole marker will be erected in accordance with 43 CFR 3162.6. The top of the marker will be closed or capped. The following minimum information will be permanently placed on the marker; "Fed" or "Ind", as applicable, "Lease number", "Well number", location of well by 1/4 section, township, and range.

## B. SURFACE USE PROGRAM

The operator will contact the Grand Resource Area at (801) 259-8193, forty-eight (48) hours prior to beginning any dirt work on this location.

Surface disturbance and vehicular travel will be limited to the approved location and access road. Any additional area needed will be approved by the Area Manager in advance.

If a tank battery is constructed on this lease, it will be surrounded by a dike of sufficient capacity to contain 1-1/2 times the storage capacity of the battery.

All loading lines and valves will be placed inside the berm surrounding the tank battery.

All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the District Manager.

All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed.

Gas meter runs for each well will be located within five hundred (500) feet of the wellhead. The gas flowline will be buried from the wellhead to the meter along with any other sections occurring on the pad. Meter runs will be housed and/or fenced.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted monthly for the first three (3) months on new meter installations and at least quarterly thereafter. The Area Manager will be provided with a date and time for the initial meter calibration and all future meter-proving schedules. A copy of the meter calibration reports will be submitted to the Resource Area Office. All meter measurement facilities will conform with the API standards for liquid hydrocarbons and the AGA standard for natural gas measurement.

If at any time the facilities located on public lands authorized by the terms of the lease are no longer included in the lease (due to a contraction in the unit or lease or unit boundary change) the BLM will process a change in authorization to the appropriate statute. The authorization will be subject to appropriate rental, or other financial obligation determined by the authorized officer.

Prior to reseeding, all disturbed areas, including the access roads, will be scarified and left with a rough surface.

The seed mixture supplied in the APD may be changed due to the specialized nature of this particular site. Depending on the outcome of the construction and drilling, another mixture will be provided by the Grand Resource Area.

Final location release will be issued when the seeding is shown to be successful (when perennial vegetation is established).

071715

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

API #43-037-31323

NAME OF COMPANY: UNION OIL COMPANY OF CALIFORNIA

WELL NAME: LISBON C-910

SECTION SW SE 10 TOWNSHIP 30S RANGE 24E COUNTY SAN JUAN

DRILLING CONTRACTOR GRACE DRILLING

RIG # 194

SPUDDED: DATE 7-14-87

TIME 6:00 PM

HOW Rotary

DRILLING WILL COMMENCE @ 275' - Set 14' Conductor

REPORTED BY Peg Dill

TELEPHONE # (307) 234-1563 Ext. 182

DATE 7-15-87 SIGNED CR/AS

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

5. Lease Designation and Serial No.

**UTU014903**

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

**C-910 McCracken**

9. API Well No.

**43-037-31323**

10. Field and Pool, or Exploratory Area

**McCracken**

11. County or Parish, State

**San Juan Co. Utah**

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

**Union Oil Co. of California**

3. Address and Telephone No.

**P.O. Box 760 Moab, Utah 84532**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

**622' FSL & 1452' FEL (SW SE)  
Sec 10 T. 30 S R 24 E**

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent  
☐ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other **Well Test**

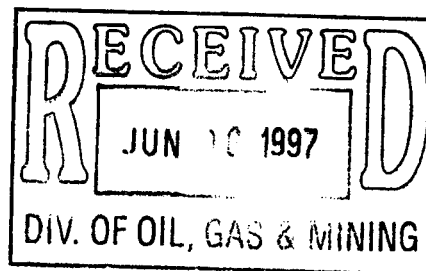
- ☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Union Oil Company of California, dba Unocal, requests permission to use C-910 well bore to store gas while testing gas lift capabilities of the B-810 McCracken well. It will also increase bottom hole pressure in the C-910 McCracken well bore to enhance future oil production. We expect the test to last for 90 days.

**Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY**



14. I hereby certify that the foregoing is true and correct

Signed

*[Signature]*

Title

**Field Foreman**

Date

**May 29, 1997**

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*See Instruction on Reverse Side

RECEIVED  
JUN 11 1987

DIVISION OF  
OIL, GAS & MINING

June 1, 1987

RECEIVED

JUN 4 1987

WATER RIGHTS  
PRICE

Rattle Snake Ranch hereby authorizes Dalgarno Transport to  
haul water for <sup>Union Oil Co.</sup> ~~La Sal Oil~~ company's project in Lisbon Valley  
# C-910, from our ditch crossing under the Rio Algom road.  
permit #838-05-570

signed



Robert Blankenagel

30S 24E S-10 SWSE / API - 43-037-31323-Pow

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLI  
(Other instructions  
verse side)

Form approved.  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. U-014903
2. NAME OF OPERATOR Union Oil Company of California		6. IF INDIAN, ALLOTMENT OR TRUST NAME 072814
3. ADDRESS OF OPERATOR P. O. Box 2620 - Casper, WY 82602-2620		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 622' FSL & 1452' FEL (SW SE)		8. FARM OR LEASE NAME Lisbon
14. PERMIT NO. API No. 43-037-31323		9. WELL NO. C-910
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6223' GR (Ungraded)		10. FIELD AND POOL, OR WILDCAT Lisbon
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 10, T.30S., R.24E.
		12. COUNTY OR PARISH San Juan
		13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <input checked="" type="checkbox"/> SPUD NOTICE	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

MIRU Grace Drilling Company's rotary rig No. 194 on 7-14-87. Set 14" conductor at 50' with rat hole machine. Spudded 12-1/4" hole at 6:00 p.m., 7-14-87. Drilling ahead at 275'.

RECEIVED  
JUL 20 1987

DIVISION OF  
OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED R. G. Ladd, Jr.

TITLE District Drilling Supt.

DATE 7-15-87

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

\*See Instructions on Reverse Side

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE  
(Other instructions on  
reverse side)

Form approved.  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. U-014903 <i>Duly</i>	
2. NAME OF OPERATOR Union Oil Company of California		6. IF INDIAN, ALLOTTEE OR TRIBE NAME 072203	
3. ADDRESS OF OPERATOR P. O. Box 2620 - Casper, WY 82602-2620		7. UNIT AGREEMENT NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface  622' FSL & 1452' FEL (SW SE)		8. FARM OR LEASE NAME Lisbon	
14. PERMIT NO. API No. 43-037-31323		9. WELL NO. C-910	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6223' GR (Ungraded)		10. FIELD AND POOL, OR WILDCAT Lisbon	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 10, T.30S., R.24E.	
		12. COUNTY OR PARISH San Juan	
		13. STATE Utah	

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input checked="" type="checkbox"/>
(Other) <input type="checkbox"/> SPUD NOTICE	

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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MIRU Grace Drilling Company's rotary rig No. 194 on 7-14-87. Set 14" conductor at 50' with rat hole machine. Spudded 12-1/4" hole at 6:00 p.m., 7-14-87. Drilling ahead at 275'.

RECEIVED  
JUL 20 1987

DIVISION OF  
OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED

*R. G. Ladd, Jr.*  
R. G. Ladd, Jr.

TITLE District Drilling Supt.

DATE 7-15-87

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPL  
(Other instructions  
verse side)

Form approved.  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO U-014903	
2. NAME OF OPERATOR Union Oil Company of California		6. IF INDIAN, ALLOTTEE OR TRIBE NAME 073113	
3. ADDRESS OF OPERATOR P. O. Box 2620 - Casper, WY 82602-2620		7. UNIT AGREEMENT NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface  622' FSL & 1452' FEL (SW SE)		8. FARM OR LEASE NAME Lisbon	
14. PERMIT NO. API No. 43-037-31323		9. WELL NO. C-910	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6223' GR (Ungraded)		10. FIELD AND POOL, OR WILDCAT Lisbon	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 10, T.30S., R.24E.	
		12. COUNTY OR PARISH San Juan	13. STATE Utah

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NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <input checked="" type="checkbox"/>	SUPPLEMENTARY WELL HISTORY <input checked="" type="checkbox"/>

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) \*

Drilled to 1020'. Circulated. Strapped out of hole with no correction.

Ran and cemented 23 jts. (995.70') of 9-5/8", 36#, K-55, ST&C, 8RD, new, seamless casing at 1014.70' (insert float valve at 970.35') with 450 sacks of cement. Preceded cement with 20 bbls. fresh water at 4 bpm at 225 psi. Displaced with 75 bbls. fresh water at 5 bpm to 6 bpm to 2 bpm at 350 psi to 600 psi maximum PDP. Bumped plug with 1000 psi. Released pressure and float held O.K. Had full returns throughout job. Circulated 75 sacks of cement to surface. C.I.P. & J.C. at 10:45 p.m., 7-16-87. W.O.C. Cut off casing. N.U. 9-5/8" casing head and tested to 1500 psi, O.K. N.U. BOP, hydril and choke manifold and pressure tested to 1500 psi, O.K. Pressure tested 9-5/8" casing to 1500 psi, O.K.

Tagged top of cement at 948'. Drilled cement stringers from 948-970', insert float valve at 970', and hard cement to 1000'. Pressure tested casing to 1000 psi for 15 mins., O.K. Drilled cement and shoe at 1014'. Drilled new hole to 1105'. Circulated. TOOH with no drag. TIH and reamed from 1020-1105' with no fill. Drilling ahead at 1820'.

18. I hereby certify that the foregoing is true and correct

SIGNED R. G. Ladd, Jr.

TITLE District Drilling Supt.

DATE 7-20-87

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

TITLE \_\_\_\_\_

RECEIVED  
JUL 27 1987

\*See Instructions on Reverse Side

DIVISION OF  
OIL, GAS & MINING



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE\*  
(Other instructions re-  
verse side)

Budget Bureau No. 1004-0135  
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR  
Union Oil Company of California

3. ADDRESS OF OPERATOR  
P. O. Box 2620 - Casper, WY 82602-2620

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)  
At surface  
622' FSL & 1452' FEL (SW SE)

14. PERMIT NO.  
API No. 43-037-31323

15. ELEVATIONS (Show whether DF, RT, GR, etc.)  
6223' GR (Ungraded)

5. LEASE DESIGNATION AND SERIAL NO.  
U-014903

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
082704

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
Lisbon

9. WELL NO.  
C-910

10. FIELD AND POOL, OR WILDCAT  
Lisbon

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec. 10, T.30S., R.24E.

12. COUNTY OR PARISH  
San Juan

13. STATE  
Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐ PULL OR ALTER CASING ☐

FRACTURE TREAT ☐ MULTIPLE COMPLETE ☐

SHOOT OR ACIDIZE ☐ ABANDON\* ☐

REPAIR WELL ☐ CHANGE PLANS ☐

(Other) ☒ Move in Replacement Rig for Completion Operations

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐ REPAIRING WELL ☐

FRACTURE TREATMENT ☐ ALTERING CASING ☐

SHOOTING OR ACIDIZING ☐ ABANDONMENT\* ☐

(Other) ☐ (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

8890' TD  
9-5/8" @ 1015'  
5-1/2" @ 8889' w/D.V. tool @ 7490'

Proposed Completion Procedure

1. MIRU completion unit. N.U. BOP and test to 2000 psi.
2. P.U. 4-5/8" bit and RIH on 3-1/2" D.C's and 2-7/8" tubing. Drill out D.V. tool at 7490' and test casing to 2000 psi. Clean out to float collar at 8845' and test casing to 2000 psi.
3. Circulate hole with 3% KCl water. Spot 150 gals. double inhibited 15% HCl with NE & LST additives from 8230-8384'. POOH.
4. Run CCL log from T.D. to ±8000' and perforate McCracken formation from 8288-8308', 8317-8328', and 8347-8384' with 4 spf.
5. RIH with production packer and set at ±8100'. N.D. BOP and N.U. wellhead. Swab test.
6. If swab rates are low, treat McCracken perforations 8288-8308', 8317-8328', and 8347-8384' with 3000 gals. 15% HCl with NE & LST additives, maintaining pressure below 3000 psi. Acidize in six 500 gal. stages with 75 weighted ball sealers between each stage.
7. Swab and test.

I hereby certify that the foregoing is true and correct

SIGNED R. G. Ladd, Jr.

TITLE District Drilling Supt.

DATE 8-21-87

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

TITLE \_\_\_\_\_

\*See Instructions on Reverse Side

Approval not  
necessary  
- JRB

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE\*  
(Other instructions on reverse side)

Form approved,  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. U-014903
2. NAME OF OPERATOR Union Oil Company of California		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P. O. Box 2620 - Casper, WY 82602-2620		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 622' FSL & 1452' FEL (SW SE)		8. FARM OR LEASE NAME Lisbon
14. PERMIT NO. API No. 43-037-31323		9. WELL NO. C-910
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6223' GR (Ungraded)		10. FIELD AND POOL, OR WILDCAT Lisbon
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		12. COUNTY OR PARISH San Juan
		13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) Supplementary Well History <input checked="" type="checkbox"/>	
(Other) <input type="checkbox"/>		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Drilled to 8890' T.D. at 7:00 p.m., 8-16-87. (Dev. Surveys: 2.75°N. 48°E. @ 1896', 7.75°N. 42°E. @ 4024'. (oriented hole) 8°N. 1°W. @ 4770', 10.50°N. 41°W. @ 7268', 7.75°N. 6°W. @ 8872') Circulated. Ran DLL/MSFL/GR & CDL/CNL/GR logs. Circulated. TOOH.

Ran and landed 208 jts. and 1 piece (8,869.67') of 5-1/2", 17#, L-80. CYS-95, RY95, and K-55, LT&C, 8RD, new and used casing at 8,888.67', with top of diff. float collar at 8,844.87', top of top plug baffle plate at 8,808.39', and D.V. tool at 7,490.19'. Circulated well for 1-1/2 hrs. with full returns. Pumped first stage as follows: Pumped 5 bbls. fresh water, 30 bbls. WMW-1 flush, and 5 bbls. fresh water. Mixed and pumped 385 sacks of class "H" cement with additives, mixed at 15.8#/gal., yield 1.18 cu. ft./sx. Displaced with 30-1/2 bbls. water, followed by 173-1/2 bbls. 10.4#/gal. mud. Maximum PDP 800#. Bumped plug with 1400#. Released pressure and float held O.K. Had full returns throughout. Plugged down at 2:45 p.m., 8-19-87. Dropped bomb and opened D.V. tool with 1600 psi at 3:15 p.m., 8-19-87. Circulated 3 hours with full returns and pumped second stage as follows: Pumped 825 sacks light cement with additives, mixed at 13#/gal., yield 1.89 cu. ft./sx., followed by 150 sacks of class "B" cement w/additives, mixed at 15.6#/gal., yield 1.18 cu. ft./sx cement. Displaced

(Continued on Attached Sheet)

18. I hereby certify that the foregoing is true and correct

SIGNED

*R. G. Ladd, Jr.*  
R. G. Ladd, Jr.

TITLE District Drilling Supt.

DATE 8-24-87

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

RECEIVED

AUG 27 1987

DIVISION OF OIL  
GAS & MINING

Union Oil Company of California  
Lisbon Well No. C-910  
San Juan County, Utah  
8-24-87  
Page 2

with 175 bbls. fresh water. Maximum PDP 1250#. Closed D.V. tool with 2250 psi, O.K. Released pressure with no flow back. Had full returns throughout job with no cement to surface. C.I.P. & J.C. at 7:00 p.m., 8-19-87. Set 5-1/2" slips and cut off casing. Released rig at 12:00 midnight on 8-19-87. M.O.R.T. W.O.C.U.

## BUREAU OF LAND MANAGEMENT

## SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

U-014903

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

090212 *Dulg*

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Lisbon

9. WELL NO.

C-910

10. FIELD AND POOL, OR WILDCAT

Lisbon

11. SEC. T., R., M., OR BLK. AND SURVEY OR AREA

Sec 10, T30S, R24E

12. COUNTY OR PARISH 13. STATE

San Juan

Utah

1. ☒ OIL WELL ☒ GAS WELL ☐ OTHER

2. NAME OF OPERATOR

Unocal

3. ADDRESS OF OPERATOR

P.O. Box 760, Moab, Utah 84532

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

See also space 17 below.)  
At surface

622' FSL &amp; 1452' FEL (SWSE)

14. PERMIT NO.

API No 43-037 - 31323

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

6223 GR (ungraded)

## 16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

## NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐

(Other) Off lease metering

PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON\* ☐CHANGE PLANS ☐

X

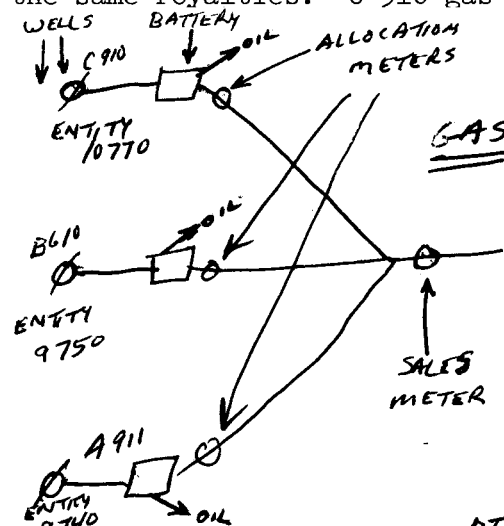
## SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐(Other) ☐REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT\* ☐

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Union Oil Company of California requests approval to show gas production from well C-910, Sec 10, T30S, R24E, San Juan County, Utah by the difference between lease meter, as is currently being done for wells B-610, Sec 10, T30S, R24E and A-911, Sec 11, T30S, R24E. All three wells flow to one common sales meter on well A-911, which is owned by Trans Colorado Pipeline. These three wells are subject to the same royalties. C-910 gas sales will begin upon contract with Trans Colorado.



18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE

Area Prod. Supt.

DATE

8-27-87

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

Unocal Oil & Gas Division  
Unocal Corporation  
P.O. Box 760  
Moab, Utah 84532  
Telephone (801) 686-2236

*Dulg*

**UNOCAL** 

August 31, 1987

RECEIVED

SEP 2 1987

DIVISION OF OIL  
GAS & MINING

090406

Mr. R.J. Firth  
Associate Director, Oil & Gas  
State of Utah  
Natural Resource  
355 W. North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203

Dear Mr. Firth:

Please be advised that new well No. C-910 was placed on production Friday, August 28, 1987.

Lease Designation:	U-014903
Lease Name:	Lisbon
Well No.	C-910
Location	622' FSL & 1452' FEL (SW SE) Sec. 10, T30S, R24E San Juan County, Utah
API Well No.	43-037-31323
Elevation	6223' GR (ungraded)

The well is currently on test and produced natural gas is being flared as permitted in Rule 311.3 of the Oil and Gas Conservation General Rules.

Should you have any questions, please contact me at your earliest convenience.

Sincerely,



Robert J. Loewecke  
Area Production Superintendent

RJL:aj

cc: L. Reed  
P. Dill  
Mr. Chip Hutchinson, Utah Oil & Gas, Moab  
Well File  
File 7.01

RECEIVED  
SEP 3 1987

DEPARTMENT OF OIL  
GAS & MINING

**UNOCAL** 76

September 1, 1987

*Letter being  
sent.*

*4.*

Mr. R.J. Firth  
Associate Director, Oil & Gas  
State of Utah  
Natural Resource  
355 W. North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203

NEW WELL LISBON MCCRACKEN C-910  
API WELL # 43-037-31323  
SAN JUAN COUNTY, UTAH

Sec. 10, T30S, R24E

Dear Mr. Firth:

After a short test on this well it appears that McCracken C-910 can produce about 300 BOPD + 230 MCF/D. At the present time, Unocal is in the process of trying to establish a gas sales contract with Trans Colorado Pipeline Company, however, until a contract can be executed, Unocal request permission to flare the produced natural gas (estimated at 230 MCF/D) up to September 15, 1987. As per the Oil and Gas Conservation General Rules, rule 311.3 Gas Flaring or Venting, part c the following information is submitted:

- 1) A chemical analysis of the produces gas is attached.
- 2) The estimated gas reserves are 8 BCF.
- 3) The well location is within 300 feet of a gas pipeline which transports gas to a Unocal operated compressor that in turn delivers gas to Trans Colorado Pipeline.
- 4) Estimated gas price is \$1.50/MMBTU.
- 5) Estimated cost of marketing the gas is \$0.50/MCF.
- 6) Reinjection potential does not appear to be feasible for the small volume of gas under consideration.
- 7) Fuel gas on lease is estimated at 30 MCF/D.
- 8) No other information is pertinent due to the relatively small total volume of gas that will be flared.

Mr. R.J. Firth  
September 1, 1987  
Page 2

Should you have any questions, please contact me at your earliest convenience.

Sincerely,

A handwritten signature in cursive script, reading "Robert J. Loewecke". The signature is written in dark ink and is positioned below the word "Sincerely,".

Robert J. Loewecke  
Area Production Superintendent

RJL:aj

Attachment

cc: L.L. Reed  
Mr. Chip Hutchinson, Utah Oil & Gas, Moab  
Well File  
Jay Axtell/File 7.01

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE  
(Other instruction on re-  
verse side)

Budget Bureau No. 1004-01-5  
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. RECEIVED SEP 4 1987	
2. NAME OF OPERATOR Union Oil Company of California		6. IF INDIAN, ALLOTTEE OR TRIBE NAME 090806	
3. ADDRESS OF OPERATOR P. O. Box 2620 - Casper, WY 82602-2620		7. UNIT AGREEMENT NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface  622' FSL & 1452' FEL (SW SE)		8. FARM OR LEASE NAME Lisbon	
14. PERMIT NO. API No. 43-037-31323		9. WELL NO. C-910	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6223' GR (Ungraded)		10. FIELD AND POOL, OR WILDCAT Lisbon	
		11. SEC., T., E., M., OR BLK. AND SURVEY OR AREA Sec. 10, T.30S., R.24E.	
		12. COUNTY OR PARISH San Juan	
		13. STATE Utah	

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other) Supplementary Well History

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

8890' TD

MIRU well service unit on 8-24-87. N.U. tubing spool and tested to 1000 psi, O.K. N.U. BOP and TIH with 4-3/4" bit, x-over, and 3-1/2" DC's. Tested BOP and casing to 2000 psi, O.K. TIH with 2-7/8" tubing. Drilled out D.V. tool at 7490'. Pressure tested D.V. tool and casing to 2000 psi, O.K. Circulated hole with 250 bbls. of 3% KCl water with additives. Spotted 150 gals. double-inhibited 15% HCl acid from 8390-8240'. TOOH. SWION.

Ran GR/CCL log from 8600-8100'. Perforated McCracken formation from 8288-8308', 8317-8328', and 8347-8384' with 4 jspf using 4" casing gun. Ran and landed 2-7/8" tubing at 8101.04' with top of 5-1/2" Lok-Set packer at 8096.34' and top of 2-7/8" S.N. at 8095.24'. N.D. BOP. N.U. tree. Swabbed McCracken perforations. Recovered 55 bbls. KCl and acid water/2 hrs. Had no oil show with slight acid gas blows after runs. SION.

Swabbed McCracken perforations and recovered 25 bbls. fluid in 1-1/2 hrs., cut 0-50% oil with slight to strong gas blows. Had 100' free oil on first run. Pressured annulus to 1000 psi/30 mins., O.K. Swabbed McCracken

(Continued on Attached Sheet)

18. I hereby certify that the foregoing is true and correct

SIGNED

R. G. Ladd, Jr.

TITLE District Drilling Supt.

DATE 8-31-87

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side



Union Oil Company of California  
Lisbon Well No. C-910  
Lisbon Field  
San Juan County, Utah  
8-31-87  
Page 2

perforations and recovered 35 bbls. fluid/2 hrs., cut trace to 30% oil. Had strong gas blows after first hour of swabbing and continuing for next hour. Annulus pressure steady at 1000 psi.

Acidized McCracken perforations with 3000 gals. 15% HCl with additives and 375 high density ball sealers in six 500-gal. stages at average rate of 3 bpm and maximum pressure of 2700 psi, dropping 75 balls between each stage. Displaced with 52 bbls. 3% KCl water. ISITP 1800 psi. ISICP 2000 psi. 1 min. T.P. 1400 psi, C.P. 1900 psi. 10 mins. T.P. 0 psi, C.P. 1700 psi. J.C. at 2:45 p.m., 8-27-87. Swabbed and flowed McCracken perforations. (Have recovered 161 bbls. oil + 50 bbls. of 123-1/2 bbl. water and acid load.) Released rig on 8-28-87. Flow testing.

# GAS CHROMATOGRAPH ANALYSIS CALCULATION SHEET

@ 60° F, 15.025 PSIA

SAMPLE: C-910(separator)  
 FILAMENT CURRENT M.A.: 220  
 CARRIER GAS PRESS. PSIG: 50#  
 COLUMN PACKING: \_\_\_\_\_  
 SAMPLE LOOP SIZE: \_\_\_\_\_

DATE SAMPLE TAKEN: 8-31-87  
 INSTRUMENT TEMPERATURE: 500°C.  
 SAMPLE LOADING PRESSURE: Atmospheric  
 COLUMN LENGTH: \_\_\_\_\_  
 STATIC \_\_\_\_\_  
 DIFFERENTIAL \_\_\_\_\_  
 TEMP \_\_\_\_\_

Component	Integrator Count	Attenuator	Corrected Integrator Count	Factor	Mol. %	Cu. Ft. / Gal.	Liq. Vol. %
H2S	1.00	1	2.0000	2.0000	1.00		
N2	2.50	128	320.00	.002	192.91	4.83	
CO2	6.26	32	200.32	.806	161.46	8.24	58.20
C1	8.47	128	1085.44	1.000	1085.44	55.37	57.71
C2	8.25	32	264.00	.903	238.39	12.16	36.68
C3	3.78	32	120.96	1.359	164.38	8.38	35.63
IC4	3.54	4	14.16	1.904	26.96	1.38	29.98
NC4	6.50	4	26.00	2.301	59.83	3.05	31.11
IC5	2.21	2	4.42	3.777	16.69	.85	26.79
NC5	3.28	1	3.28	4.457	14.62	.74	27.07
C6				4.0000			23.85
C7+							21.25
Total					1960.41	1008	

COMPONENT	MOL % X	GPM FACTOR	= GPM	MOL. FRAC X	GAS SP. GR.	= SP. GR.	MOL. FRAC	X PER FT.³	BTU PER SCF
H2S				.00	1.1765				
N2				.0983	.9672	.0951			
CO2				.0824	1.5195	.1252			
C1	55.37	.1733	9.60	.5537	.5539	.3067	55.37	1032.3	571.58
C2	12.16	.2727	3.32	.1216	1.0382	.1253	12.16	1808.4	219.90
C3	8.38	.2807	2.35	.0838	1.5225	.1276	.0838	2573.8	215.68
IC4	1.38	.3335	.46	.0138	2.0068	.0277	.0138	3325.5	45.89
NC4	3.05	.3214	.98	.0305	2.0068	.0612	.0305	3335.1	101.72
IC5	.85	.3731	.32	.0085	2.4911	.0212	.0085	4089.9	34.76
NC5	.74	.3694	.27	.0074	2.4911	.0184	.0074	4099.3	30.33
C6		.4195			2.9753			4862.6	
C7+		.4704			3.4596			5626.1	
TOTAL			17.30			.909			1219.86

RAMAREX

ANALYZED BY

DATE

CALCULATED BY

September 4, 1987

TO: **Well File - Lisbon C-910 (43-037-31323)**  
FROM: D.T. Staley  
RE: Gas Metering Lisbon Wells C-910, B-610, and A-911

Per telecon with Bob Loewecke of Union Oil in Moab, each of these three wells has its own tank battery. For gas, there is one common transfer meter used for sales measurement. The volume from this meter is allocated back to each well by use of an allocation meter at each of the three batteries (as of this writing, the B-610 and A-911 are being operated in this manner and the C-910 is still being completed). These allocated volumes are the volumes that are being reported on Union's disposition report as 'transported'.

B-610 (43-037-16468)		
Entity: 09750	Lease: U-014903	Prod. Formation: MCRKN
C-910 (43-037-31323)		
Entity: 10770	Lease: U-014903	Prod. Formation: Drilling
A-911 (43-037-31014)		
Entity: 09740	Lease: SL070008-A	Prod. Formation: MCRKN

cc: Well File - Lisbon B-610 (43-037-16468)  
Well File - Lisbon A-911 (43-037-31014)

September 4, 1987

TO: Well File - Lisbon C-910 (43-037-31323)  
FROM: D.T. Staley  
RE: Gas Metering Lisbon Wells C-910, B-610, and A-911

Per telecon with Bob Loewecke of Union Oil in Moab, each of these three wells has its own tank battery. For gas, there is one common transfer meter used for sales measurement. The volume from this meter is allocated back to each well by use of an allocation meter at each of the three batteries (as of this writing, the B-610 and A-911 are being operated in this manner and the C-910 is still being completed). These allocated volumes are the volumes that are being reported on Union's disposition report as 'transported'.

B-610 (43-037-16468)		
Entity: 09750	Lease: U-014903	Prod. Formation: MCRKN
C-910 (43-037-31323)		
Entity: 10770	Lease: U-014903	Prod. Formation: Drilling
A-911 (43-037-31014)		
Entity: 09740	Lease: SL070008-A	Prod. Formation: MCRKN

cc: Well File - Lisbon B-610 (43-037-16468) ,  
Well File - Lisbon A-911 (43-037-31014)



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

Norman H. Bangerter, Governor  
Dee C. Hansen, Executive Director  
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

September 10, 1987

Mr. Robert J. Loewecke  
Unocal Corporation  
P.O. Box 760  
Moab, Utah 84532

Dear Mr. Loewecke:

Re: Natural Gas Flaring Approval

The Division of Oil, Gas and Mining approves your request to flare gas from the McCracken #C-910 well located in Section 10, T. 30S, R. 24E, San Juan County, Utah. Specifically, approval is granted to flare produced natural gas in amounts greater than that allowed by Rules 311.2 and 311.3 of the Oil and Gas Conservation General Rules. The conditions of approval are as follows:

1. Unocal will pursue a gas transportation agreement as stated in your request letter dated September 1, 1987.
2. Approval to flare gas is granted until September 15, 1987, as stated in your request letter.
3. If a gas transportation agreement cannot be finalized by September 15, 1987, Unocal will request an extension of this administrative approval from the Division and provide appropriate justification for such extension. In no case will an extension of approval be given for more than 30 days of cumulative gas flaring.

Please note that monthly production and disposition reports must be filed with the Division as normally required.

Any additional requests to flare gas beyond the 30 day time limit must be considered by the Board of Oil, Gas and Mining. If this is the case, you must petition the Board for a hearing in accordance with the Procedural Rules of the Board.

Page 2  
Mr. Robert J. Loewecke  
September 10, 1987

If you have any questions concerning this matter, please direct them to John Baza of this Division.

Best regards,

A handwritten signature in cursive script that reads "Dianne R. Nielson". The signature is written in dark ink and is positioned below the "Best regards," text.

Dianne R. Nielson  
Director

JRB/sb  
cc: R. J. Firth  
Well File  
0314T-85-86



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

091101

Norman H. Bangerter, Governor  
Dee C. Hansen, Executive Director  
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

September 10, 1987

Mr. Robert J. Loewecke  
Unocal Corporation  
P.O. Box 760  
Moab, Utah 84532

Dear Mr. Loewecke:

Re: Natural Gas Flaring Approval

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Page 2  
Mr. Robert J. Loewecke  
September 10, 1987

If you have any questions concerning this matter, please direct them to John Baza of this Division.

Best regards,



Dianne R. Nielson  
Director

JRB/sb  
cc: R. J. Firth  
Well File  
0314T-85-86

305. 04E, 10  
43-037-31303  
POW



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

Form approved.  
Budget Bureau No. 1004-0137  
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

U-014903

6. IF INDIAN, CLAN, TRIBE OR TRIBAL NAME

092114

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Lisbon

9. WELL NO.

C-910

10. FIELD AND POOL, OR WILDCAT

Lisbon

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Sec. 10, T.30S., R.24E.

12. COUNTY OR PARISH

San Juan

13. STATE

Utah

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other \_\_\_\_\_

b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. REVR. ☐ Other \_\_\_\_\_

2. NAME OF OPERATOR

Union Oil Company of California

3. ADDRESS OF OPERATOR

P. O. Box 2620 - Casper, WY 82602-2620

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)

At surface 622' FSL & 1452' FEL (SW SE)

At top prod. interval reported below  
1384' FSL & 1566' FEL

At total depth  
1470' FSL & 1592' FEL

14. PERMIT NO.

API 43-037-31323

DATE ISSUED

5-27-87

15. DATE SPUDDED

7-14-87

16. DATE T.D. REACHED

8-16-87

17. DATE COMPL. (Ready to prod.)

8-28-87

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\*

6223' GR (ungraded)

19. ELEV. CASINGHEAD

6224'

20. TOTAL DEPTH, MD & TVD

8890'

21. PLUG, BACK T.D., MD & TVD

8808' ETD

22. IF MULTIPLE COMPL., HOW MANY\*

23. INTERVALS DRILLED BY

ROTARY TOOLS

0 - T.D.

CABLE TOOLS

- -

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*

8288-8384' - McCracken

25. WAS DIRECTIONAL SURVEY MADE

Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

DLL/MSFL/GR, CDL/CNL/GR, GR/CCL MUD LOG, ULTRA COMPLEX

27. WAS WELL CORED

No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9-5/8"	36#	1014.70'	12-1/4"	450 sx	- - -
5-1/2"	17#	8888.67'	8-3/4"	1360 sx	- - -

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
- - -	- - -	- - -	- - -	- - -

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8"	8101.04'	8096.34' (Top)

31. PERFORATION RECORD (Interval, size and number)

8288-8308'  
8317-8328' - McCracken w/4 jspf w/4" gun  
8347-8384'

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
8288-8384'	3000 gals. 15% HCl w/additives & 375 high-density ball sealers

33.\* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
9-5-87		Flowing				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
9-8-87	24			160	151	TSTM	944:1
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
			160	151	TSTM	47.5°	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Flared (Waiting on gas sales agreement.)

TEST WITNESSED BY

J. L. Axtell

35. LIST OF ATTACHMENTS

Record of Survey

Placed on production on 8-28-87.

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

R. G. Ladd, Jr.

TITLE District Drilling Supt.

DATE 9-9-87

\*(See Instructions and Spaces for Additional Data on Reverse Side)

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Cutler	Behind sfc casing.	2142'	Shale, shaley sandstone, and porous sandstone. (Porous sandstones are water wet. No tests.)
Honaker Trail	2142'	3186'	Sandstones, shales, and limestones. (Porous sandstones and limestones are water wet. No tests.)
La Sal	3224'	3296'	Limestone. (Water wet. No tests.)
Paradox (Ismy Stage)	3904'	4058'	Anhydrite, shale, and porous dolomite. (Porous dolomites contain minor oil. No tests.)
Redwall	7637'	7975'	Limestone and porous dolomite. (Porous dolomite contains gas. No test.)
McCracken	8273'	8385'	Sandstone with minor dolomite and shale. (Porous sandstones contain oil.)
			No DST's.
			BOP's tested daily in accordance with Union Oil Company policy and reported by drilling contractor personnel on tour sheets.

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Honaker Trail	2142'	2141'
La Sal	3186'	3180'
Paradox	3814'	3804'
Top Salt	4148'	4135'
Base Salt (Top Pinkerton Trail)	7362'	7307'
Redwall	7637'	7578'
Ouray	8004'	7939'
Elbert	8156'	8089'
McCracken	8273'	8204'
Aneth	8385'	8315'
Lynch	8462'	8391'
Ophir	8826'	8751'

EASTMAN CHRISTENSEN

RECORD OF SURVEY

FOR

```
* * * * *
*
* OPERATOR      : UNION OIL COMPANY
*
* STRUCTURE     : LISBON UNIT # C-910
*
* WELL          : L.U. # C-910          SLOT : 1
*
* LOCATION      : SAN JUAN COUNTY, UTAH
*
* JOB NUMBER    :
*
* RIG           :
*
* DECLINATION   : 0.00 E
*
*               PLANE OF VERTICAL SECTION
*
*               DIRECTION : N 20  5 W
*
* * * * *
```

EC DISTRICT : ROCKY MOUNTAIN DIST.

UNION OIL COMPANY  
LISBON UNIT # C-910  
SAN JUAN COUNTY, UTAH

SLOT : 1  
WELL : L.U. # C-910  
PBHL : N 20 5 W

DATE PRINTED : 25-AUG-87  
OUR REF. NO. : S02856.0UZ  
JOB NUMBER :

PAGE NO. 2

MEASURED DEPTH	DRIFT ANGLE D M	DRIFT DIRECTION D M	COURSE LENGTH	TRUE VERTICAL DEPTH	VERTICAL SECTION	RECTANGULAR COORDINATES	DOGLEG SEVERITY
1047.00	0 0	N 0 0 E	0.00	1047.00	0.00	0.00 N 0.00 E	0.00
1141.00	1 18	N 32 0 E	94.00	1140.99	0.66	0.90 N 0.57 E	1.38
1172.00	1 30	N 37 0 E	31.00	1171.98	1.09	1.53 N 0.99 E	0.76
1234.00	1 30	N 35 0 E	62.00	1233.96	2.00	2.84 N 1.95 E	0.08
1327.00	1 30	N 41 0 E	93.00	1326.93	3.29	4.76 N 3.45 E	0.17
1453.00	2 0	N 44 0 E	126.00	1452.87	5.06	7.60 N 6.05 E	0.40
1514.00	2 6	N 47 0 E	61.00	1513.83	5.96	9.13 N 7.60 E	0.24
1577.00	2 6	N 38 0 E	63.00	1576.79	7.02	10.83 N 9.16 E	0.52
1647.00	2 36	N 43 0 E	70.00	1646.73	8.43	13.01 N 11.02 E	0.77
1698.00	2 30	N 41 0 E	51.00	1697.68	9.49	14.70 N 12.54 E	0.26
1735.00	2 36	N 44 0 E	37.00	1734.64	10.25	15.91 N 13.66 E	0.45
1797.00	2 24	N 45 0 E	62.00	1796.58	11.41	17.84 N 15.55 E	0.33
1896.00	2 45	N 48 0 E	99.00	1895.48	13.18	20.90 N 18.78 E	0.38
1914.00	3 15	N 45 0 E	18.00	1913.46	13.55	21.55 N 19.46 E	2.91
2078.00	3 30	N 44 0 E	164.00	2077.17	17.69	28.44 N 26.23 E	0.16
2122.00	3 30	N 46 0 E	44.00	2121.09	18.83	30.33 N 28.13 E	0.28
2232.00	3 42	N 46 0 E	110.00	2230.88	21.63	35.13 N 33.10 E	0.16
2300.00	4 30	N 34 0 E	68.00	2298.70	24.05	38.85 N 36.22 E	1.72
2363.00	4 45	N 37 0 E	63.00	2361.50	26.92	42.99 N 39.17 E	0.55
2523.00	5 0	N 39 0 E	160.00	2520.92	34.10	53.70 N 47.54 E	0.19
2652.00	5 30	N 38 0 E	129.00	2649.38	40.25	62.94 N 54.89 E	0.39
2776.00	5 45	N 39 0 E	124.00	2772.78	46.59	72.45 N 62.45 E	0.22
2935.00	6 0	N 40 0 E	159.00	2930.94	54.83	85.01 N 72.80 E	0.17
3118.00	6 30	N 39 0 E	183.00	3112.85	64.91	100.38 N 85.48 E	0.28
3308.00	7 0	N 39 0 E	190.00	3301.54	76.38	117.74 N 99.53 E	0.26
3469.00	7 0	N 39 0 E	161.00	3461.34	86.46	132.99 N 111.88 E	0.00
3653.00	7 30	N 40 0 E	184.00	3643.86	98.21	150.90 N 126.65 E	0.28
3806.00	7 15	N 40 0 E	153.00	3795.60	108.01	165.95 N 139.28 E	0.16
4024.00	7 45	N 42 0 E	218.00	4011.73	121.76	187.43 N 157.94 E	0.26
4127.00	7 36	N 42 0 E	103.00	4113.81	128.20	197.65 N 167.15 E	0.15

CONTINUED ON NEXT PAGE ...

UNION OIL COMPANY  
LISBON UNIT # C-910  
SAN JUAN COUNTY, UTAH

SLOT : 1  
WELL : L.U. # C-910  
PBHL : N 20 5 W

DATE PRINTED : 25-AUG-87  
OUR REF. NO. : S02856.0UZ  
JOB NUMBER :

PAGE NO. 3

MEASURED DEPTH	DRIFT ANGLE D M	DRIFT DIRECTION D M	COURSE LENGTH	TRUE VERTICAL DEPTH	VERTICAL SECTION	RECTANGULAR COORDINATES	DOGLEG SEVERITY
4245.00	7 6	N 37 0 E	118.00	4230.84	135.84	209.29 N 176.75 E	0.69
4334.00	7 36	N 30 0 E	89.00	4319.11	142.59	218.78 N 183.03 E	1.15
4432.00	7 36	N 22 0 E	98.00	4416.25	151.58	230.42 N 188.70 E	1.08
4680.00	8 0	N 8 0 E	248.00	4661.95	179.04	262.85 N 197.39 E	0.78
4770.00	8 0	N 1 0 W	90.00	4751.08	190.51	275.34 N 198.16 E	1.39
4935.00	8 0	N 10 0 W	165.00	4914.47	212.71	298.17 N 195.96 E	0.76
5007.00	8 0	N 13 0 W	72.00	4985.77	222.62	307.99 N 193.96 E	0.58
5213.00	8 42	N 19 0 W	206.00	5189.58	252.44	336.73 N 185.72 E	0.54
5333.00	8 54	N 23 0 W	120.00	5308.17	270.80	353.87 N 179.14 E	0.54
5460.00	9 6	N 24 0 W	127.00	5433.61	290.63	372.09 N 171.22 E	0.20
5576.00	9 18	N 29 0 W	116.00	5548.12	309.05	388.68 N 162.95 E	0.71
5617.00	9 18	N 29 0 W	41.00	5588.58	315.60	394.48 N 159.73 E	0.00
5735.00	9 30	N 31 0 W	118.00	5704.99	334.58	411.16 N 150.10 E	0.32
5807.00	8 54	N 35 0 W	72.00	5776.07	345.80	420.82 N 143.83 E	1.22
5901.00	9 18	N 38 0 W	94.00	5868.88	360.06	432.77 N 134.99 E	0.66
6030.00	9 30	N 39 0 W	129.00	5996.15	380.05	449.25 N 121.87 E	0.20
6156.00	9 54	N 38 0 W	126.00	6120.35	400.19	465.87 N 108.66 E	0.34
6280.00	9 48	N 36 0 W	124.00	6242.52	420.49	482.81 N 95.89 E	0.29
6407.00	9 54	N 36 0 W	127.00	6367.65	441.39	500.39 N 83.12 E	0.08
6498.00	9 36	N 39 0 W	91.00	6457.34	456.09	512.62 N 73.74 E	0.65
6562.00	9 48	N 40 0 W	64.00	6520.42	466.26	520.94 N 66.88 E	0.41
6624.00	10 12	N 37 0 W	62.00	6581.48	476.48	529.36 N 60.18 E	1.06
6769.00	10 24	N 38 0 W	145.00	6724.14	501.21	549.93 N 44.39 E	0.19
6780.00	10 24	N 39 0 W	11.00	6734.96	503.10	551.48 N 43.16 E	1.64
6875.00	10 54	N 39 0 W	95.00	6828.32	519.71	565.13 N 32.11 E	0.53
6906.00	10 30	N 41 0 W	31.00	6858.79	525.12	569.54 N 28.41 E	1.76
7062.00	10 48	N 42 0 W	156.00	7012.10	551.96	591.13 N 9.31 E	0.23
7127.00	10 54	N 42 0 W	65.00	7075.94	563.31	600.22 N 1.12 E	0.15
7268.00	10 30	N 41 0 W	141.00	7214.48	587.68	619.83 N 16.23 W	0.31
7396.00	10 30	N 42 0 W	128.00	7340.34	609.40	637.30 N 31.68 W	0.14

CONTINUED ON NEXT PAGE ...

UNION OIL COMPANY  
LISBON UNIT # C-910  
SAN JUAN COUNTY, UTAH

SLOT : 1  
WELL : L.U. # C-910  
PBHL : N 20 5 W

DATE PRINTED : 25-AUG-87  
OUR REF. NO. : S02856.0UZ  
JOB NUMBER :

PAGE NO. 4

MEASURED DEPTH	DRIFT ANGLE D M	DRIFT DIRECTION D M	COURSE LENGTH	TRUE VERTICAL DEPTH	VERTICAL SECTION	RECTANGULAR COORDINATES	DOGLEG SEVERITY
7526.00	9 30	N 38 0 W	130.00	7468.36	630.62	654.59 N 46.19 W	0.94
7681.00	9 45	N 35 0 W	155.00	7621.18	655.48	675.42 N 61.60 W	0.36
7839.00	10 0	N 35 0 W	158.00	7776.84	681.66	697.62 N 77.15 W	0.16
7968.00	9 45	N 32 0 W	129.00	7903.93	703.18	716.06 N 89.36 W	0.44
8041.00	10 0	N 31 0 W	73.00	7975.85	715.45	726.74 N 95.90 W	0.42
8146.00	10 0	N 30 0 W	105.00	8079.25	733.39	742.45 N 105.15 W	0.17
8270.00	9 15	N 23 0 W	124.00	8201.51	753.98	760.99 N 114.40 W	1.12
8359.00	9 0	N 25 0 W	89.00	8289.38	768.06	773.88 N 120.14 W	0.45
8872.00	7 45	N 6 0 W	513.00	8796.90	842.20	845.55 N 140.01 W	0.59

CLOSURE - DISTANCE : 857.07  
DIRECTION : N 9 24 W

REPORT UNITS : Feet  
SURVEY CALCULATION METHOD : Radius of curvature

SURVEY RUN INFORMATION

=====

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING  
3 TRIAD CENTER, SUITE 350  
SALT LAKE CITY, UT 84180-1203

P-7071113

SEP 14 1987

DIVISION OF OIL  
GAS & MININGREPORT OF WATER ENCOUNTERED DURING DRILLING

092105

Well Name & Number Lisbon Well No. C-910

43-037-31303

Operator Union Oil Company of California Address P. O. Box 2620-Casper, WY 82602Contractor Grace Drilling Company Address 2801 Youngfield St., Ste. 178,  
Golden, CO 80401Location SW 1/4 SE 1/4 Sec. 10 T. 30S. R. 24E. County San JuanWater Sands

<u>Depth</u>		<u>Volume</u>	<u>Quality</u>
From	To	Flow Rate or Head	Fresh or Salty
1.	NO WATER FLOWS WERE ENCOUNTERED DURING DRILLING.		
2.			
3.			
4.			
5.			

(Continue on reverse side if necessary)

Formation Tops Honaker Trail-2142', La Sal-3186', Paradox-3814', Top Salt-4148',  
Base Salt (Top Pinkerton Trail)-7362', Redwall-7637', Ouray-8004', Elbert-8156',  
McCracken-8273', Aneth-8385', Lynch-8462', Ophir-8826'

Remarks

- NOTE: (a) Report on this form as provided for in Rule 806, Oil and Gas Conservation General Rules.
- (b) If a water analysis has been made of the above reported zone, please forward a copy along with this form.

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING  
3 TRIAD CENTER, SUITE 350  
SALT LAKE CITY, UT 84180-1203

RECEIVED

SEP 14 1987

DIVISION OF OIL

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name & Number Lisbon Well No. C-910

Operator Union Oil Company of California Address P. O. Box 2620-Casper, WY 82602

Contractor Grace Drilling Company Address 2801 Youngfield St., Ste. 178,  
Golden, CO 80401

Location SW 1/4 SE 1/4 Sec. 10 T. 30S. R. 24E. County San Juan

Water Sands

<u>Depth</u>		<u>Volume</u>	<u>Quality</u>
From	To	Flow Rate or Head	Fresh or Salty
1.	<u>NO WATER FLOWS WERE ENCOUNTERED DURING DRILLING.</u>		
2.	<u></u>		
3.	<u></u>		
4.	<u></u>		
5.	<u></u>		

(Continue on reverse side if necessary)

Formation Tops Honaker Trail-2142', La Sal-3186', Paradox-3814', Top Salt-4148',  
Base Salt (Top Pinkerton Trail)-7362', Redwall-7637', Ouray-8004', Elbert-8156',  
McCracken-8273', Aneth-8385', Lynch-8462', Ophir-8826'

Remarks

- NOTE: (a) Report on this form as provided for in Rule 806, Oil and Gas Conservation General Rules.
- (b) If a water analysis has been made of the above reported zone, please forward a copy along with this form.



STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING  
3 TRIAD CENTER, SUITE 350  
SALT LAKE CITY, UT 84180-1203

RECEIVED

SEP 14 1987

DIVISION OF OIL  
GAS & MININGREPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name & Number Lisbon Well No. C-910  
Operator Union Oil Company of California Address P. O. Box 2620-Casper, WY 82602  
Contractor Grace Drilling Company Address 2801 Youngfield St., Ste. 178,  
Golden, CO 80401  
Location SW 1/4 SE 1/4 Sec. 10 T. 30S. R. 24E. County San Juan

Water Sands

<u>Depth</u>		<u>Volume</u>	<u>Quality</u>
From	To	Flow Rate or Head	Fresh or Salty
1.	<u>NO WATER FLOWS WERE ENCOUNTERED DURING DRILLING.</u>		
2.	<u></u>		
3.	<u></u>		
4.	<u></u>		
5.	<u></u>		

(Continue on reverse side if necessary)

Formation Tops Honaker Trail-2142', La Sal-3186', Paradox-3814', Top Salt-4148',  
Base Salt (Top Pinkerton Trail)-7362', Redwall-7637', Ouray-8004', Elbert-8156',  
McCracken-8273', Aneth-8385', Lynch-8462', Ophir-8826'

Remarks

- NOTE: (a) Report on this form as provided for in Rule 806, Oil and Gas Conservation General Rules.
- (b) If a water analysis has been made of the above reported zone, please forward a copy along with this form.

093008

**UNOCAL** 

September 22, 1987

**RECEIVED**  
**SEP 24 1987**  
DIVISION OF OIL  
GAS & MINING

Mr. R.J. Firth  
Associate Director, Oil & Gas  
State of Utah  
Natural Resource  
355 W. North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203

NATURAL GAS FLARING  
NEW WELL LISBON MCCracken C-910  
API WELL # 43-037-31323  
SAN JUAN COUNTY, UTAH

Dear Mr. Firth:

Please be advised that this well tested 150 BOPD + 131 MCF/D from September 11th thru the 15th when it was shut in to tie in production stock tanks and a steam generator. A gas sales contract has been obtained with Trans Colorado Pipeline Company and sales began on September 19th.

Should you have any questions, please contact me at your earliest convenience.

Sincerely,



Robert J. Loewecke  
Area Production Superintendent

RJL:aj

Attachment

cc: L.L. Reed  
Mr. Chip Hutchinson, Utah Oil & Gas, Moab  
Well File  
Jay Axtell/File 7.01

Unocal Oil & Gas Division  
Unocal Corporation  
P.O. Box 760  
Moab, Utah 84532  
Telephone (801) 686-2236

**UNOCAL** 

September 22, 1987

RECEIVED  
SEP 24 1987

DIVISION OF OIL  
GAS & MINING

Mr. R.J. Firth  
Associate Director, Oil & Gas  
State of Utah  
Natural Resource  
355 W. North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203

NATURAL GAS FLARING  
NEW WELL LISBON MCCracken C-910  
API WELL # 43-037-31323  
SAN JUAN COUNTY, UTAH

Dear Mr. Firth:

Please be advised that this well tested 150 BOPD + 131 MCF/D from September 11th thru the 15th when it was shut in to tie in production stock tanks and a steam generator. A gas sales contract has been obtained with Trans Colorado Pipeline Company and sales began on September 19th.

Should you have any questions, please contact me at your earliest convenience.

Sincerely,



Robert J. Loewecke  
Area Production Superintendent

RJL:aj

Attachment

cc: L.L. Reed  
Mr. Chip Hutchinson, Utah Oil & Gas, Moab  
Well File  
Jay Axtell/File 7.01

Unocal Oil & Gas Division  
Unocal Corporation  
P.O. Box 760  
Moab, Utah 84532  
Telephone (801) 686-2236

*Well file*

**UNOCAL** 76

120108

September 22, 1987

RECEIVED  
SEP 24 1987

DIVISION OF OIL  
& GAS

Mr. R.J. Firth  
Associate Director, Oil & Gas  
State of Utah  
Natural Resource  
355 W. North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203

*30S 24E Sec. 10  
POW*

NATURAL GAS FLARING  
NEW WELL LISBON MCCracken C-910  
API WELL # 43-037-31323  
SAN JUAN COUNTY, UTAH

Dear Mr. Firth:

Please be advised that this well tested 150 BOPD + 131 MCF/D from September 11th thru the 15th when it was shut in to tie in production stock tanks and a steam generator. A gas sales contract has been obtained with Trans Colorado Pipeline Company and sales began on September 19th.

Should you have any questions, please contact me at your earliest convenience.

Sincerely,



Robert J. Loewecke  
Area Production Superintendent

RJL:aj

Attachment

cc: L.L. Reed  
Mr. Chip Hutchinson, Utah Oil & Gas, Moab  
Well File  
Jay Axtell/File 7.01

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE\*  
(Other instructions reverse side)

Form approved:  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		RECEIVED MAR 24 1988 DIVISION OF OIL, GAS & MINING	5. LEASE DESIGNATION AND SERIAL NO. U-014903 Pow/markN	
2. NAME OF OPERATOR Union Oil Company of California			6. IF INDIAN, ALLOTTEE OR TRIBE NAME 032812	
3. ADDRESS OF OPERATOR P. O. Box 2620 - Casper, WY 82602-2620			7. UNIT AGREEMENT NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 622' FSL & 1452' FEL (SW SE)			8. FARM OR LEASE NAME Lisbon	
14. PERMIT NO. API No. 43-037-31323		15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6223' GR (Ungraded)		9. WELL NO. C-910
				10. FIELD AND POOL, OR WILDCAT Lisbon
				11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 10, T.30S., R.24E.
				12. COUNTY OR PARISH San Juan
				13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input checked="" type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <input type="checkbox"/>	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) \*

8890' T.D. Perfs: 8288-8308')  
9-5/8" @ 1015' w/450 sx cmt 8317-8328') - McCracken  
5-1/2" at 8889' w/1360 sx cmt 8347-8384')  
DV tool at 7490'

MIRU well service unit on 2-19-88. Pumped 53 bbls. 2% KCl water down tubing. ISIP 0 psi. N.D. wellhead and N.U. BOP. Circulated 180 bbls. clean 2% KCl water down tubing and up annulus. Dropped standing valve. Pressured 2-7/8" tubing to 8200 psi/15 mins., O.K. Retrieved standing valve and TOOH. TIH with big-bore packer on 2-7/8" tubing to 8180'. Dropped standing valve and pressured tubing to 8200 psi/15 mins., O.K. Retrieved standing valve and POOH. Reverse circulated 180 bbls. 2% KCl water containing 10 gals packer fluid. Ran and landed 2-7/8" tubing at 8186', with top of packer at 8182' and top of S.N. at 8180'. N.D. BOP and N.U. wellhead. Pressure tested 2-7/8" x 5-1/2" annulus to 2000 psi/O.K. SWION.

SITP & SICP 0 psi/11 hrs. Ran temperature logs from 8000-8801' with temperature at 8000', 140.5°; at top perfs, 8288', 142.5°; at bottom perfs, 8384', 143°; and at 8801', 148.5°. R.U. 10,000# tree saver and lubricator. Tested to 8000 psi, O.K. R.U. bottom hole gauges on wireline and RIH to 8240'. Pumped 70 bbls. 110° lease crude with additives at 0 bpm to 13.7 bpm at 0-8000 psi,

(Continued on Attached Sheet)

I hereby certify that the foregoing is true and correct

SIGNED Jim Benson  
Jim Benson

TITLE Drilling Engineer

DATE 3-21-88

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

TITLE \_\_\_\_\_ DATE \_\_\_\_\_

\*See Instructions on Reverse Side

by step rate test, using 153-1/2 bbls. 110° lease crude, and injecting in eleven 2-min. time intervals, from 1/4 bpm to 19 bpm at 0-8255 psi. ISIP 7200 psi. Flowed back last stage at 1 bpm at 7200 psi to 1180 psi/6 mins. Flowed back 6.3 bbls. oil. Bled tubing to 0 psi. POOH with wireline and gauges. SWION. Proposed oil frac was shut down due to hazardous conditions. Rigged down and released rig at 5:00 p.m., 2-24-88.

MIRU well service unit on 3-9-88. R.U. wireline. Ran base-line temperature/GR from 8000-8798' and found temperatures 144° F. at 8000', 149° F. at top perfs (8288'), 150° F. at bottom perfs (8384'), and 157° at 8798' TD. POOH with wireline and installed 10,000# tree saver. SWION.

R.U. wireline and gauges. Pressure tested lub./lines to 8100 psi, O.K. Tested micro-computer flow-back choke. RIH with gauges to 8242'. Pressured annulus to 2000 psi. Pumped Data Frac and flow back as follows: Loaded hole with 6 bbls. 2% KCl water with 2#/1000 gals. FR-30. Pumped 82 bbls. 2% KCl water with additives at 15-1/2 bpm at 4462-4587 psi. Started flow back at 1 bpm for 2.2 mins. with pressure decreasing to 1100 psi. Closure pressure at mid-perfs, 5114 psi. Pumped 300 bbls. cross-linked gel. KCl water tagged with R.A. material at 14.8 bpm to 15.2 bpm at 6795-8079 psi. Started displacement with 10 bbls. gelled KCl water at 15.2 bpm at 8079 psi. Rate dropped to 12.7 bpm and pressure to 7043 psi due to pumps losing prime. Shut down and waited 29 mins. for closure. Pressure decreased from 7043 psi to 1534 psi/29 mins. Pumped 42 bbls. remainder displacement at high pressure due to static strength of borate gel. Pumped at 6000 psi average with rate of 1 bpm to 1-1/2 bpm. POOH. Ran temp./GR log from 8000-8770' with temperature at top perfs, 8288', 138° F.; 133° at bottom perfs, 8384'; 139° F. above perfs at 8240'; and 160.8° F. at 8770'. Temperature log indicates cooling across perforated interval, indicating frac treatment contained within perforated interval. POOH. SWION.

Pressure tested pump and lines to 9000 psi, O.K. Pressured 2-7/8" x 5-1/2" annulus to 2000 psi, O.K. Fractured McCracken perfs 8288-8384' with 95,760# of 20-40 Interprop I in three interprop stages, pumping 2 ppg, 4 ppg and 6 ppg w/1400 bbls. 2% KCl water with additives, as follows: Pumped 880 bbls. (37,100 gals.) of gel pad at 15.8 bpm to 15.5 bpm at 5150 psi to 4365 psi. First stage: Pumped 120 bbls. (5040 gals.) 2% KCl cross-linked gel with additives plus 2 ppg 20-40 Interprop I at 15.5 bpm to 15.4 bpm at 4365-4354 psi. 2nd stage: Pumped 180 bbls. (7560 gals.) 2% KCl cross-linked gel with additives with 4 ppg Interprop I at 15.4 to 15.2 to 15.4 bpm at 4354-4380-4301 psi. 3rd stage: 220 bbls. (9240 gals.) of 2% KCl cross-linked gel with 6 ppg Interprop I at 15.4 to 15.2 to 15 bpm at 4301-4279-4731 psi. Displaced with 49 bbls. 2% KCl water with 2#/1000 gal. FR-30 at 15 bpm at 4731-4530-4509 psi. ISIP 2407 psi. 1 min. 2396 psi. 10 mins. 2199 psi. 45 mins. 1258 psi. J.C. on 3-11-88.

Swabbed and flowed, recovering the 225 bbl. oil load on 3-15-88. Released rig at 2:00 p.m., 3-16-88 and returned well to production.

Production Before W0: January 1988 Average: 69 BOPD + 97 MCFD gas.

Production After W0: 3-20-88: Flowed 240 BOPD + 270 MCFD gas on 28/64" choke. FTP 120 psi. (Have recovered 364 bbls. of 2087 bbl. water load.)



STATE OF UTAH  
NATURAL RESOURCES  
Water Rights

Norman H. Bangerter, Governor  
Dee C. Hansen, Executive Director  
Robert L. Morgan, State Engineer

Southeastern Area • 453 S. Carbon Avenue • P.O. Box 718 • Price, UT 84501-0718 • 801-637-1303

October 23, 1987

Division of Oil, Gas & Mining  
Attn: Arlene Sollis  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203

Re: Union Oil Company ✓  
Lisbon Valley #B614A

Dear Arlene:

Enclosed is a copy of the letter received in our office regarding the above referenced well. The permit number referenced in the letter is a valid water right with this office.

If you have any questions, feel free to contact me.

Sincerely,

A handwritten signature in cursive script, appearing to read "Mark".

Mark P. Page  
Area Engineer

Enclosure  
MPP/mjk

RECEIVED  
OCT 26 1987

DIVISION OF  
OIL, GAS & MINING

RECEIVED

October 13, 1987

OCT 22 1987

WATER RIGHTS  
PRICE

43-037-31351-Dr1

Rattlesnake Ranch hereby authorizes RDB Trucking, Inc to  
haul water for Union Oil Co. project in Lisbon Valley  
# B614A, located in Sec 14 TW 30S, R24E, from our ditch  
crossing under the Rio Algom road. Permit # 838(05-570)

  
Robert Blankenagel



OPERATOR Union Oil Company of California  
ADDRESS 3300 North Butler Avenue Suite 200  
Farmington, New Mexico 87401

OPERATOR ACCT. NO. N1030

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
C	09750	09740	4303716469	LISBON UNIT #B-610	NENW	10	30S	24E	SAN JUAN	8/14/59	6/01/90
WELL 1 COMMENTS: <i>Fed.-Lease Prod. Zone - McCracken</i> <i>Field - Lisbon</i> TO CREATE THE MCCRACKEN UNIT <i>Unit - Lisbon "McCracken" eff. 2-1-90</i> <i>* changed 7-23-90</i>											
C	10770	09740	<sup>POW</sup> 4303731323	LISBON UNIT #C-910	SWSE	10	30S	24E	SAN JUAN	7/14/87	6/01/90
WELL 2 COMMENTS: <i>Fed.-Lease Prod. Zone - McCracken</i> <i>Field - Lisbon</i> TO CREATE THE MCCRACKEN UNIT <i>Unit - Lisbon "McCracken" eff. 2-1-90</i>											
C	10872	09740	4303731351	LISBON UNIT #B-614A	NENW	14	30S	24E	SAN JUAN	5/18/88	6/01/90
WELL 3 COMMENTS: <i>Fed.-Lease Prod. Zone - McCracken</i> <i>Field - Lisbon</i> TO CREATE THE MCCRACKEN UNIT <i>Unit - Lisbon "McCracken" eff. 2-1-90</i>											
C	10904	09740	4303731433	LISBON UNIT #B-810	NESW	10	30S	24E	SAN JUAN	7/31/88	6/01/90
WELL 4 COMMENTS: <i>Fed.-Lease</i> <i>Field - Lisbon</i> TO CREATE THE MCCRACKEN UNIT <i>Unit - Lisbon "McCracken" eff. 2-1-90</i>											
WELL 5 COMMENTS:											

ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

**RECEIVED**  
JUL 19 1990

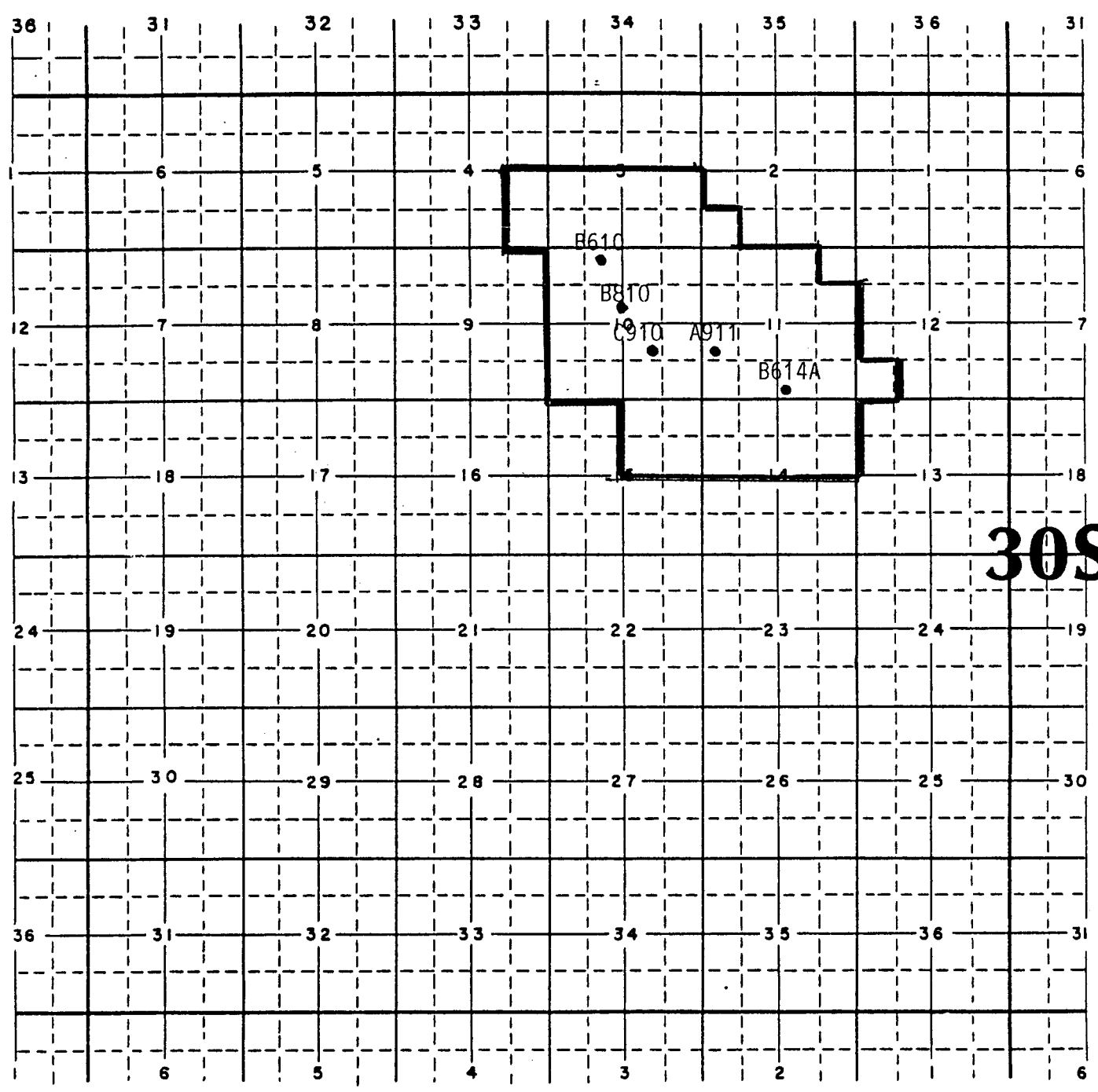
DIVISION OF  
OIL, GAS & MINING

Signature Paul West

District Production 7-13-90  
Title Manager Date

Phone No. (505) 326-7600

# LISBON (MC CRACEN) UNIT



Allocation

Federal	99.9759%
State	0.0241%

## 24E

Orig. to BLM

Form 3160-5  
(June 1990)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT-" for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Union Oil Company of California

3. Address and Telephone No.

P. O. Box 671—Midland, TX 79702 (915) 685-7608

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

622' FSL & 1452' FEL (SW SE)

Sec. 10, T-30-S, R-24E

5. Lease Designation and Serial No.

U-014903

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

Lisbon

8. Well Name and No.

Lisbon Unit #C-910

9. API Well No.

43-037-31323

10. Field and Pool, or Exploratory Area

Lisbon

11. County or Parish, State

San Juan County, Utah

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment

☐ Recompletion

☒ Plugging Back

☐ Casing Repair

☐ Altering Casing

☐ Other

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut-Off

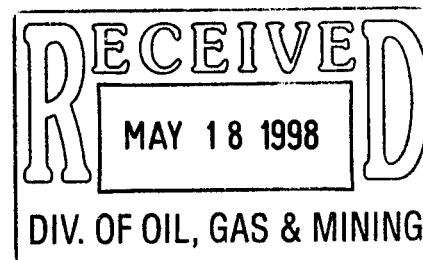
☐ Conversion to Injection

☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

SEE ATTACHED PROCEDURE.



14. I hereby certify that the foregoing is true and correct

Signed

*Mike Phillips*  
Accepted by the State  
(This space for Federal or State office use)

Title Drilling/Workover Foreman

Date 05/13/98

Approved by

Conditions of approval

**Oil, Gas and Mining**

Title

Federal Approval of this  
Action is Necessary

Date

Date: 5-26-98

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*See Instruction on Reverse Side



Drilling Eng.	_____
Reservoir Eng.	_____
Production Eng.	_____
Field Supt.	_____
Drilling Supt.	_____

**UNION OIL COMPANY OF CALIFORNIA**  
**MIDLAND, TEXAS**  
**CONDITION OF HOLE & PROCEDURE**

DATE: 4/30/98  
FIELD: Mississippian AREA: Rocky Mountains  
LEASE/UNIT: Lisbon WELL NO.: C-910  
REASON FOR WORK: To plugback the Mc Cracken and complete in the Mississippian.

**CONDITION OF HOLE:**

TOTAL DEPTH: 8890' ETD: 8808' KB DATUM IS 17' ABOVE G.L.

**CASING RECORD:**

**9-5/8" CASING DETAIL**

9-5/8" Casing Set @ 1015'.

Cement w/450sx. Cement Circulated.

**5-1/2" CASING DETAIL**

5-1/2" 17#, N-80, SS-95 LT&C Casing set at 8889'

Cement 1 stage 385 sxs, 2<sup>nd</sup> stage 975 sxs, DV Tool @ 7490'.

**NOTES ON PREVIOUS WORK**

10/97

Well was converted to Gas Lift.

TUBING DETAIL:

Tubing	2-7/8" 6.5# L-80 8rd eue	181jts	5,580.29'
GLM #3	2-7/8" 6.5# j-55 8rd eue	1	4.06'
Tubing	2-7/8" 6.5# L-80 8rd eue	45jts	1,386.53'
GLM #2	2-7/8" 6.5# L-80 8rd eue	1	4.13'
Tubing	2-7/8" 6.5# L-80 8rd eue	37jts	1,140.30'
GLM #1	2-7/8" 6.5# L-80 8rd eue	1	7.16'
Tubing	2-7/8" 6.5# L-80 8rd eue	1jt	30.70'
On/Off	2-7/8" w/2.25" profile	1	1.78'
Packer	Baker AL-4 lokset	1	4.50'
Tubing	2-7/8" 6.5# L-80 8rd eue	1jt	28.75'
X/Over	2-7/8" x 2-3/8" eue 8rd	1	0.42'
SN	2-3/8" eue 8rd	1	1.25'
TOTAL			8,189.87'
KB			17.00'
FHD			8,206.87'

PERFORATIONS:

McCracken	8,288'	To	8,308'
	8,317'	To	8,328'
	8,347'	To	8,384'

REGULATORY REQUIREMENTS

Sundry Notice, and 48hr notification prior to rig-up.

**PROCEDURE FOR THE LISBON UNIT C-910**

1. Contact first alert. Notify BLM. Inspect anchors. Dig and line flowback pit. Rig up H2S safety equipment.
2. MIRU DD PU. Hold pre-job inspection and safety meeting.
3. Blow down well. Kill well with 2% KCL (minimum amount.) ND tree. NU tested BOP. Send tree to be tested at ERC. Replace bad parts with most cost effective alternative.
4. Release Baker Mdl AL-4 packer. POH w/ 2-7/8" production tubing. LD gas lift equipment.
5. RU WL. Run 5-1/2" CIBP and set at 8,200'. PU and RIH w/OE"D WS. RU and spot 15% HCLw/additives from 7980-7480'.
6. RU perforators. Perf Mississippian correlated to Check with Tom Baiar w/2jspf @ 90 deg phasing @ 7700-70', 7,810-7,920', 7,940-74'.
7. PU and RIH w/re-dressed 5-1/2" packer on production tubing. Reverse acid into tubing and breakdown perfs. Acidive perfs w/10,000 gals 15% SWIC acid. Swab to kick off well.
8. Flowback well to pit to clean up. ND BOP. NU Tree. Hook up well to production system.
9. RD PU. Clean and level location. Turn over to production.

ASSET GROUP: PB/RM  
FIELD: Lisbon  
LEASE/UNIT: Lisbon Unit  
COUNTY: San Juan

**SPIRIT ENERGY 76**  
New Name - Same Spirit.  
A New Energy Corporation

DATE: Apr. 29, 1998  
BY: M.C. Phillips  
WELL: C-910  
STATE: Utah

SPUD DATE: 7/14/87  
COMP. DATE: 8/28/87  
STATUS: Producing

KB = 6,240'  
Elevation = 6,223'  
TD = 8,890'  
PBSD = 8,808'

**CURRENT**

9-5/8" @ 1015'. 36# ST&C csg. Cmt'd w/450 sx. Cmt'd Circ.

Tubing	2-7/8" 6.5# L-80 8rd eue	181jts	5,580.29'	
GLM #3	2-7/8" 6.5# J-55 8rd eue	1	4.06'	
Tubing	2-7/8" 6.5# L-80 8rd eue	45jts	1,388.53'	
GLM #2	2-7/8" 6.5# L-80 8rd eue	1	4.13'	
Tubing	2-7/8" 6.5# L-80 8rd eue	37jts	1,140.30'	
GLM #1	2-7/8" 6.5# L-80 8rd eue	1	7.16'	
Tubing	2-7/8" 6.5# L-80 8rd eue	1jt	30.70'	
On/Off	2-7/8" w/2.25" profile	1	1.78'	8172.0'
Packer	Baker AL-4 lokset	1	4.50'	8176.5'
Tubing	2-7/8" 6.5# L-80 8rd eue	1jt	28.75'	
X/Over	2-7/8" x 2-3/8" eue 8rd	1	0.42'	
SN	2-3/8" eue 8rd	1	1.25'	
TOTAL			8,189.87'	
KB			17.00'	
FHD			8,206.87'	

DV Tool @ 7,490'

Perfs 8,288-8,308'. Open.

Perfs 8,317-8,328'. Open.

Perfs 8,347-8,384'. Open.

*McCracken*

5-1/2" @ 8,889'. 17# 15.5# K-55 LT&C csg. Cmt'd 2 stages 385sx, FB 975sx thru DV @ 7,490'.

TD 8890'

ASSET GROUP: PB/RM  
FIELD: Lisbon  
LEASE/UNIT: Lisbon Unit  
COUNTY: San Juan

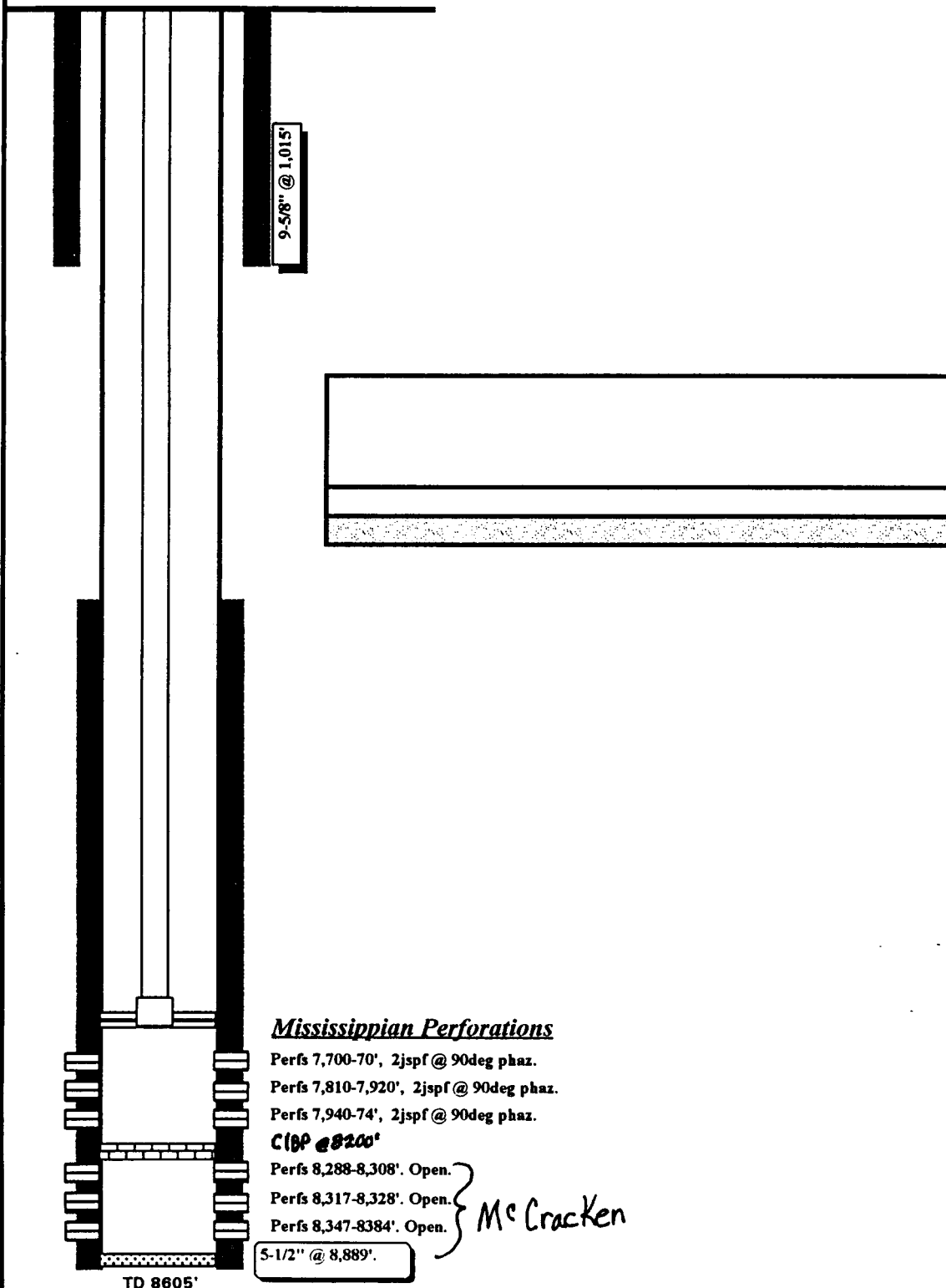


DATE: Apr. 29, 1998  
BY: M.C. Phillips  
WELL: C-910  
STATE: Utah

SPUD DATE: 7/14/87  
COMP. DATE: 8/28/87  
STATUS: Producing

KB = 6,240'  
Elevation = 6,223'  
TD = 8,890'  
PBD = 8,808'

PROPOSED





UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

5. Lease Designation and Serial No.  
U-014903

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

Lisbon

8. Well Name and No.

Lisbon Unit #C-910

9. API Well No.

43-037-31323

10. Field and Pool, or Exploratory Area

Lisbon

11. County or Parish, State

San Juan County, Utah

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT-" for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Union Oil Company of California

3. Address and Telephone No.

P. O. Box 671—Midland, TX 79702 (915) 685-7607

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

622' FSL & 1452' FEL (SW SE)

Sec. 10, T30S, R24e

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

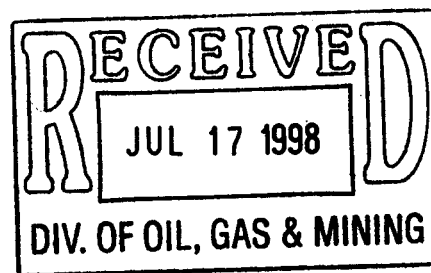
TYPE OF ACTION

- ☐ Abandonment  
☐ Recompletion  
☒ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☐ Other \_\_\_\_\_
- ☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

6/16/98 to 6/21/98—Isolated old McCracken perms (8288'-8384') with CIBP set at 8154'—ran GR & CNL—perf'd Mississippian formation from 7700'-7770', 7810'-7920', 7940'-7961' (wellbore schematic attached). Ran 3 1/2" tbg at 7603'—set pkr at 7631' (tbg detail on attached schematic).



14. I hereby certify that the foregoing is true and correct

Signed Charlotte Beeson

Title Regulatory Clerk

Date 07/13/98

(This space for Federal or State office use)

Approved by \_\_\_\_\_

Title \_\_\_\_\_

Date \_\_\_\_\_

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*See Instruction on Reverse Side

ASSET GROUP: PB/RM  
FIELD: Lisbon  
LEASE/UNIT: Lisbon Unit  
COUNTY: San Juan

**SPIRIT ENERGY**  
New Name Same Spirit

DATE: Apr. 29, 1998  
BY: M.C. Phillips  
WELL: C-910  
STATE: Utah

SPUD DATE: 7/14/87  
COMP. DATE: 8/28/87  
STATUS: Producing

KB = 6,240'  
Elevation = 6,223'  
TD = 8,890'  
PBDT = 8,808'

**Current**

9-5/8" @ 1,015'

PRODUCTION TBG STRING DETAIL

17.00	KB	
31.68	1 JT	3-1/2" 9.3# J-55 EUE 8RD TBG
4.05		3-1/2" 9.3# J-55 EUE 8RD TBG SUB
6.00		3-1/2" 9.3# J-55 EUE 8RD TBG SUB
7,510.42	238 JTS	3-1/2" 9.3# J-55 EUE 8RD TBG
1.10		3-1/2" "F" NIPPLE W/ 2.75" PROFILE
31.63	1 JT	3-1/2" 9.3# J-55 EUE 8RD TBG
.55		3-1/2" X 2-7/8" L-80 BOX TO PIN X-O
.60		2-7/8" EBH-22 SEAL ASSY W/ 2.41" ID (SET SEAL ASSY IN 27,000# COMPRESSION (31"))
7,603.03		
.40		5-1/2" 14-17# X 4" OD BAKER MODEL F1 PKR GUIDE
1.40		5-1/2" 14-17# BAKER MODEL 45-30 F1 CSG PKR W/ 3" ID
.55		5-1/2" 14-17# X 4" OD BAKER MODEL F1 THREADED PKR GUIDE
5.60		4" X 3.52" ID MILLOUT EXT
.90		4" X 2-7/8" L-80 EUE 8RD X-9, BOX TO PIN 4.562" OD
10.20		2-7/8" 6.5# J-55 EUE 8RD TBG SUB
.95		2-7/8" EUE 8RD "F" NIPPLE W/ 2.31" PROFILE
10.20		2-7/8" 6.5# J-55 EUE 8RD TBG SUB
1.03		2-7/8" EUE 8RD "R" NIPPLE W/ 2.25" PROFILE
7,631.23		FHD

Mississippian Perforations

Perfs 7,700-70', 2jspl @ 90deg phaz.  
Perfs 7,810-7,920', 2jspl @ 90deg phaz.  
Perfs 7,940-7,940', 2jspl @ 90deg phaz.

**CIBP @ 8154'**

Perfs 8,288-8,308'. Open.

Perfs 8,317-8,328'. Open.

Perfs 8,347-8,384'. Open.

**Mc Cracken**

5-1/2" @ 8,889'

TD 8605'

ENTITY ACTION FORM - FORM 6

OPERATOR UNION OIL CO OF CA

OPERATOR ACCT. NO. 1030

ADDRESS \_\_\_\_\_

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
C	9740	8123	43-037-31323	LISBON C-910	SWSE	10	30S	24E	SAN JUAN		
WELL 1 COMMENTS: *RECOMPL FR MCCracken PZ TO MSSP PZ/LISBON UNIT/P.A. ENTITY 8123, EFF 6-21-98.											
WELL 2 COMMENTS:											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

(3/89)

L. CORDOVA (DOGM)

Signature

ENG. TECH II

Title

7-22-98

Date

Phone No. ( )

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

JUL 29 1998

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

MOAB OPERATIONS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Union Oil Company of California

3. Address and Telephone No.

P.O. Box 760, Moab, UT 84532

435-686-2236

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

6227' FSL & 1452' FEL (SWSE) Sec 10, T-30S, R-24E

5. Lease Designation and Serial No.

V-014903

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Lisbon Unit # C-910

9. API Well No.

43-037-31323

10. Field and Pool, or Exploratory Area

Lisbon

11. County or Parish, State

San Juan Co., UT

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent  
☐ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

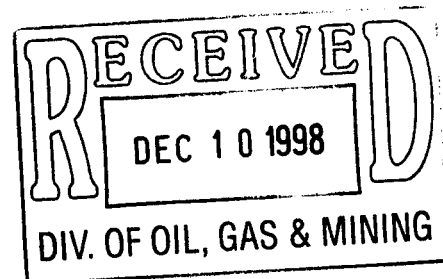
- ☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☐ Other

- ☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

This Sundry Notice is being written to inform that C-910 was brought on production 6-21-98 as a Lisbon Unit Mississippian formation gas well. Converted from a McCracken formation Oil well.



14. I hereby certify that the foregoing is true and correct

Signed Keith L. Cortez

Title Field Foreman

Date 7-20-98

is space for Federal or State office use

Approved by \_\_\_\_\_  
Conditions of approval, if any:

Title Branch of Fluid Minerals  
Moab District

Date JUL 24 1998

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill, or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

**SUBMIT IN TRIPLICATE**

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Serial No. USA U-014903
2. Name of Operator: Tom Brown, Inc.	6. If Indian, Allottee or Tribe Name NA
3. Address and Telephone No. 555 Seventeenth Street, Suite 1850, Denver, CO 80202	7. If Unit or CA/Agreement Designation Lisbon Unit
4. Location of Well (Footage, T, R, M, or Survey Description) 622' FSL & 1452' FEL SWSE Sec. 10-T30S-R24E	8. Well Name and No. Lisbon C-910
	9. API Well No. 043-037-31323
	10. Field and Pool, or Exploratory Area Lisbon
	11. County or Parish, State San Juan, Utah

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (start/resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	<u>Pulled tubing,</u>
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	<u>ran inspection</u>
				<u>logs</u>

13. Describe Proposed or completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with the BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, A form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Between 1/7/2003 and 2/5/2003 Tom Brown, Inc. performed a workover to pull tubing, run casing/cement inspection logs, and returned to sales up casing. Chronological reports are attached to this sundry notice. The procedure included the following: Pulled 239 jts 3-1/2" tubing and seal assembly. Ran USIT log from packer to surface. Set packer @ 1880' and tested casing to 1000 psi - good. On second test located a leak @ 2789', testing down tubing to 1000 psi/10 min. Csg below leak tests OK. Set composite plug @ 6260'. Ran 4", 9.5# J-55 CMF J4 liner w/ liner shoe @ 6233'. Pumped 225 sx 13.2 ppg 50/50 Poz w/ 3% gel, .1% HR5 and .2% CFR 3 tail slurry. Displaced cmt w/ 76 bbls FW. Bumped plug w/3000 psi. Circulated 25 sx cmt to pit. Installed stabilizer after WOC. RIH w/190 jts 2-3/8" 4.7# CS hydril tbg. Tagged plug @ 6260'. DO cmt, wiper plug, FC and FS. POH w/tbg. Ran coiled tbg to 7975' to kick well off. Flowed to sales on 2/3/03 @ approx. 2.5 MMCFD. Acidized w/7000 gal 15% HCL. Dropped 100 ball sealers each 2000 gal. Well stabilized @ 620 psi on 40/64" chk, flwg light mist and acid gas. Checked H2S content of gas stream=500 ppm, increasing to 8000 ppm. Took gas samples for testing. Put well back on production.

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed) Chris Mathewson	Title Engineering Technician
Signature <i>Chris Mathewson</i>	Date 4/21/2003

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by	Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office	

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for my person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

RECEIVED  
APR 24 2003



## Tom Brown, Inc.

555 Seventeenth Street, Suite 1850  
Denver, CO 80202-3918  
(303) 260-5000

### Lisbon C 910

### Completion Chronological Report

Page 1 of 6

Well Name : Lisbon C 910

Well User ID : 272675

AFE # : W02U279

Operator : Tom Brown, Inc.

WI : 0.995031 NRI 0.848352

Loc :

STR : 10 -30S - 24E

County : San Juan, Ut

APICode : 043-037-31323

Prospect : Lisbon

Contractor :

AFE Type : Workover

Spud Date :

Rig Rel Date :

Total Depth : 0 ft.

Comp Date :

PBTD : 0 ft.

Job Purpose : Pull tubing, run casing/cement inspection logs, return to sales up casing.

### Completions Detail Report

Date : 1/7/2003

Activity: MIRU

Days On Completion : 1

#### Rpt Summary :

Report Detail : Well flowing to sales @ 225 Psi. Moved in and spotted equipment. Spotted rig. Set and tested anchors. Hooked up pump. Attempted to pressure test casing. Filled casing w/4 bbls. Pressured to 1000 psi. Pressure fell to 0 in 10 sec. Pressured to 1000 psi 2 more times. Pressure fell to 0 in 10 sec each time. Left well flowing to sales. SD for night.

Date : 1/8/2003

Activity: POOH w/ tubing

Days On Completion : 2

#### Rpt Summary :

Report Detail : Well SI. 800 psi on tbq. Safety meeting. RUPU. Hooked up pump. Pumped 50 bbls wtr down tbq. RU Cobra Slickline. RIH w/2.347" gauge tool. Tagged @ 5590'. POH. RIH w/2.31" plug. Set plug in F nipple @ 7614'. POH. RD Cobra Slickline. ND WH. NU BOP. Picked up on tbq. Laid down donut. Rotated out of packer. Hooked up pump. Established circulation w/35 bbls wtr. Circulated hole for 1-1/2 hrs @ 2 bpm. Lost approx 30 bbls while circulating. Attempted to test casing. Pressured to 1000 psi. Pressure dropped to 800 psi instantly and decreased to 500 psi in 2-1/2 min. POH w/239 jts 3-1/2 tbq and seal assembly. SD for night.

Date : 1/9/2003

Activity: Run Log

Days On Completion : 3

#### Rpt Summary :

Report Detail : Safety meeting. Filled hole w/12 bbls wtr. RU Schlumberger. RIH w/USIT and CBT. CBT not working. POH. Laid down CBT. RIH w/USIT. Run log from pkr to surface. Picked up CBT. RIH. Tool still not working. POH. RD Schlumberger. Made up 5-1/2 pkr. Tallied and RIH w/30 stands tbq to 1880'. Set packer and tested casing to 1000 psi. Test good. SD for night.

Date : 1/10/2003

Activity: Test f/Csg Leak

Days On Completion : 4

#### Rpt Summary :

Report Detail : Safety meeting. Tallied and RIH w/16 stands tbq. Set packer. Hooked up pump. Pressure casing to 1000 psi. Leaked off. Released packer. Tested out 2 stands and located leak @ 2789'. Tested down tbq to 1000 psi. for 10 min. Casing below leak tests ok. Pulled packer above leak and set. Tested casing to 1000 psi for 15 min. Test ok. Hooked up to tbq. Established rate into leak @ 1/4 bpm and 900 psi. Released packer. POH w/tbg and packer. SD for night.

Date : 1/11/2003

Activity: mill over pkr.

Days On Completion : 5

#### Rpt Summary :

Report Detail : Safety meeting. Made up mill & jars. RIH on 3-1/2" tbq. Tagged pkr @ 7600'. Picked up power swivel. Milled on packer for 45 min and lost circulation. Milled 1 hr and pkr came free. Picked up 16 jts tbq and chased pkr to 8120'. POH and laid down 142 jts 3-1/2 tbq. SD for weekend.

**Tom Brown, Inc.**

555 Seventeenth Street, Suite 1850  
Denver CO 80202-3918  
Phone : (303) 260-5000 Fax : (303) 260-5007

**Completion Chron Report****Lisbon C 910****Completion Chronological Report**

Page 2 of 6

Well Name : Lisbon C 910

Well User ID : 272675

AFE # : W02U279

Operator : Tom Brown, Inc.

WI : 0.995031 NRI 0.848352

Loc :

STR : 10 -30S - 24E

County : San Juan, Ut

APICode : 043-037-31323

Prospect : Lisbon

Contractor :

AFE Type : Workover

Spud Date :

Rig Rel Date :

Total Depth : 0 ft.

Comp Date :

PBTD : 0 ft.

Date : 1/12/2003Activity: SD for WeekendDays On Completion : 6Rpt Summary :Report Detail :Date : 1/13/2003Activity: SD for WeekendDays On Completion : 7Rpt Summary :Report Detail :Date : 1/14/2003Activity: Lay down 3 1/2 tubingDays On Completion : 8Rpt Summary :

Report Detail : 0 psi on well. Safety meeting. POH and laid down 113 jts 3-1/2 tbg. Broke out and laid down tools. RU Schlumberger. RIH w/7.5K composite plug and set @ 6260'. POH. RD Schlumberger. Hauled in, racked up and tallied 135 jts 4", 9.5#, J-55 CMFJ4 liner. Changed out BOP. RU to pick up liner. Made up float shoe, 1 jt liner and float collar. Picked up and RIH w/19 jts liner. SD for night.

Date : 1/15/2003Activity: Run LinerDays On Completion : 9Rpt Summary :

Report Detail : Safety meeting. Picked up and RIH w/115 jts liner. Liner shoe @ 6233'. Hooked up pump and lines. Circulated hole clean w/185 bbls fw. Prep to cement in AM. SD for night.

Date : 1/16/2003Activity: Cement LinerDays On Completion : 10Rpt Summary :

Report Detail : Safety meeting. RU Halliburton. Test lines to 4100 psi. Established circulation w/fw. 3 BPM and 700 psi. Mixed and pumped 225 sx 13.2 ppg 50/50 poz w/3% gel, .1% HR 5 and .2% CFR 3. Pressure decreased to 45 psi. Mixed and pumped 25 sx 15.6 ppg std cmt w/.1% HR 5 and .2% CFR 3 tail slurry. Dropped wiper plug. Displaced cmt w/76 bbls fw. Pressure increased to 2700 psi @ 1 bpm. Bumped plug w/3000 psi. Circulated 25 sx cmt to pit. RD Halliburton. Washed up BOP stack. Took 1/4 bbl to fill csg annulus indicating cement fell back some. Unloaded racked up and tallied 270 jts 2-3/8 4.7# CS Hydrill tbg. Prep to drill out after 1 day WOC.

Date : 1/17/2003Activity: SD WOCDays On Completion : 11Rpt Summary :

Report Detail : Shut down. Wait on cement.

Date : 1/18/2003Activity: RIH with bitDays On Completion : 12Rpt Summary :

Report Detail : Safety meeting. ND BOP. Fabricate and install stabilizer for 4" liner. Hooked up pump. Filled liner/casing annulus w/approx 1 bbl wtr. NU BOP. Picked up and RIH w/3-1/4" bit and 190 jts 2-3/8" 4.7# CS hydrill tbg. Laid down 4 jts. SD for night.



# Tom Brown, Inc.

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Phone : (303) 260-5000 Fax : (303) 260-5007

## Completion Chron Report

### Lisbon C 910

### Completion Chronological Report

Page 3 of 6

Well Name : Lisbon C 910

Well User ID : 272675

AFE # : W02U279

Operator : Tom Brown, Inc.

WI : 0.995031 NRI 0.848352

Loc : STR : 10 -30S - 24E

County : San Juan, Ut APICode : 043-037-31323

Prospect : Lisbon

Contractor :

AFE Type : Workover

Spud Date :

Rig Rel Date :

Total Depth : 0 ft.

Comp Date :

PBTD : 0 ft.

Date : 1/19/2003

Activity: Drill out liner

Days On Completion : 13

#### Rpt Summary :

Report Detail : Safety meeting. Picked up and RIH w/4 jts tbg. Picked up power swivel. Picked up 2 jts. Drilled out cement, wiper plug, float collar and shoe. Tagged plug @ 6260'. Drilled on plug for 45 min and plug started going down hole. Picked up tbg and chased plug to 8140'. POH and laid down 200 jts tbg. SD for night.

Date : 1/20/2003

Activity: LAY DOWN TBG

Days On Completion : 14

#### Rpt Summary :

Report Detail : Safety meeting. 0 psi on well. POH and laid down 54 jts tbg and bit. ND BOP. NU wellhead valve. SD Wait to swab well in.

Date : 1/21/2003

Activity: Shut Down

Days On Completion : 15

#### Rpt Summary :

Report Detail : Shut down. Waiting on wellhead fabrication and installation.

Date : 1/22/2003

Activity: SWAB

Days On Completion : 16

#### Rpt Summary :

Report Detail : 0 psi on well. Wait on swab cups from Farmington. Installed swab lubricator and fabricated nose guide on swab mandrell. RU to swab. Made dummy run with swab mandrell and no cups. Tagged fluid @ 3060'. Couldn't get below 3060'. Worked mandrell up and down and made several runs in hole. Pushed debris, (possibly a piece of rubber off of composite plug or wiper plug) to 5000'. POH w/swab mandrell. Loaded out 2-3/8 tbg and rental equipment. Emptied and cleaned cement out of rig tank. Emptied 400 bbl tank. Swab cups arrived from Farmington. Incorrect cups. Too large. Will have correct swab cups in am. SD for night.

Date : 1/23/2003

Activity: SWAB

Days On Completion : 17

#### Rpt Summary :

Report Detail : 0 psi on well. Turned swab cups down to fit in liner. Rebuilt swab mandrell. RU to swab. RIH w/swab. Tagged @ 4790'. Couldn't get deeper. POH. RIH w/4-12" mandrell w/no cups. Tagged @ 4790'. Made several runs and worked mandrell down to 5100'. Recovered large piece of rusty scale. Appears to have come off the outside of the 2-3/8" tbg used to drill out. RIH w/swab. Tagged @ 5100'. Couldn't get deeper. POH. Swab had signs of ground up cement on it. RIH w/swab mandrel w/no cups. Tagged @ 5400'. POH. Made decision to run coiled tbg to kick well off. RD PU. SD for night.

Date : 1/24/2003

Activity: Run Coiled Tbg

Days On Completion : 18

#### Rpt Summary :

Report Detail : Wait on coiled tbg unit until 3:00. Spotted equipment. SD for night. Will run coiled tbg in am.



**Tom Brown, Inc.**

555 Seventeenth Street, Suite 1850  
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**Completion Chron Report****Lisbon C 910****Completion Chronological Report**

Page 4 of 6

Well Name : Lisbon C 910

Well User ID : 272675

AFE # : W02U279

Operator : Tom Brown, Inc.

WI : 0.995031 NRI 0.848352

Loc :

STR : 10 -30S - 24E

County : San Juan, Ut

APICode : 043-037-31323

Prospect : Lisbon

Contractor :

AFE Type : Workover

Spud Date :

Rig Rel Date :

Total Depth : 0 ft.

Comp Date :

PBTD : 0 ft.

Date : 1/25/2003Activity: Run Coiled TbgDays On Completion : 19Rpt Summary :

Report Detail : 0 psi on well. Safety meeting. RU coiled tubing unit and safety equipment. RIH w/coiled tbg. Tagged small obstruction @ 6767'. Set down approx 3000#. Picked up 50'. Run back down and didn't tag anything. RIH to 7975'. Jetted hole clean w/N2. POH to 50' while flowing well. Watched well for 30 min. Flowing pressure declined to 75 psi. RIH w/coiled tbg to 7975'. Jetted hole clean. POH. Flowed well to tank for 1 hr. Flowing pressure after 1 hr = 75 psi. Took H2S reading on gas. 1.6%. Water recovered to tank = 90 bbls. Shut well in. SD for night.

Date : 1/26/2003Activity: Flow TestDays On Completion : 20Rpt Summary :

Report Detail : 770 psi on well. Opened well to tank for 2 hrs. Pressure stabilized @ 75 psi. Dry gas. RD & released Cudd. Flowed well to tank for 4 hrs. Pressure still 75 psi. Dry gas

Date : 1/27/2003Activity: Flow TestDays On Completion : 21Rpt Summary :

Report Detail : 780 psi on well. Opened well to tank. Pressure stabilized @ 65 psi. Dry gas. Turned well to sales.

Date : 1/28/2003Activity: flowingDays On Completion : 22Rpt Summary :

Report Detail : CP 0, TP 0, Choke 100, Line Pressure 155, Gas 1558

Date : 1/29/2003Activity: flowingDays On Completion : 23Rpt Summary :

Report Detail : CP 0, TP 187, Choke 100, Line Pressure 177, Gas 1756

Date : 1/30/2003Activity: Put on ProductionDays On Completion : 24Rpt Summary :

Report Detail : CP - 0 LP - 176 TP - 185 MCF/D - 1962 CHOKE - 100%

Date : 1/31/2003Activity: Put on ProductionDays On Completion : 25Rpt Summary :

Report Detail : LP - 176 TP - 185 CP - 0 MCF/D - 2137 CHOKE - 100%

Date : 2/1/2003Activity: Put on ProductionDays On Completion : 26Rpt Summary :

Report Detail : LP - 182 TP - 185 CP - 0 MCF/D - 2341 CHOKE - 100%

Date : 2/2/2003Activity: W/O EvaluationDays On Completion : 27Rpt Summary :

Report Detail : LP - 181 TP - 190 CP - 0 MCF/D - 2547 CHOKE - 100%



# Tom Brown, Inc.

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## Completion Chron Report

### Lisbon C 910 Completion Chronological Report Page 5 of 6

Well Name : Lisbon C 910

Well User ID : 272675

Operator : Tom Brown, Inc.

Loc : STR : 10 -30S - 24E

County : San Juan, Ut APICode : 043-037-31323

Prospect : Lisbon

Contractor :

Spud Date :

Rig Rel Date :

Comp Date :

AFE # : W02U279

WI : 0.995031 NRI 0.848352

AFE Type : Workover

Total Depth : 0 ft.

PBTD : 0 ft.

Date : 2/4/2003

Activity: Acidizing

Days On Completion : 29

#### Rpt Summary :

**Report Detail :** Well flowing to sales @ approx. 2.5 MMCF/day. Shut well in. Mixed acid. RU Halliburton. Safety meeting. Tested lines to 1500 psi. Acidized well w/7000 gal. 15% HCL. Pumped 10 bbls fw ahead. Pumped 6000 gal acid dropping 100 ball sealers each 2000 gal. Pumped 1000 gal acid and flushed with 116 bbls fw. Caught pressure with approximately 110 bbls pumped. Pressure increased to 1390 psi and broke back to 200 psi @ 8.5 bpm. Pumped remaining acid and flush @ 8.5 bpm with pressure breaking back to 175 psi. SD pumps. ISIP=vacuum. RD Halliburton. RUPU and safety equipment. Checked pressure on well approx 2 hrs after acid job. 300 psi. Opened well to tank. Well unloaded approx. 30 bbls wtr. Pressure increased to 590 psi on 48/64 choke. Well flowing light mist and acid gas. Flowed well 3 hrs. SD for night.

Date : 2/5/2003

Activity: Flow back Acid

Days On Completion : 30

#### Rpt Summary :

**Report Detail :** 765 psi on well. Safety meeting. Opened well to tank. Well stabilized @ 620 psi on 40/64 choke. Flowing light mist and acid gas. Checked H2S content of gas stream. 500 ppm. Flowed well to tank for 4 hrs. Pressure increased to 660 psi on 40/64 choke. H2S increased to 8000 ppm. Pinched choke to 36/64. Pressure increased to 700 psi. Flowed well 2 more hours. Shut well in. RDMO. Turned well over to production. They will take gas samples and turn well to sales. Total water recovered since acid job 45 bbls. Total load left to recover from acid job and liner job approx. 582 bbls.

Date : 2/6/2003

Activity: Put on Production

Days On Completion : 31

#### Rpt Summary :

**Report Detail :** LP - 220 TP - 620 CP - 620 MCF/D - 8724 CHOKE - 100% BO - 5 BW - 14

Date : 2/7/2003

Activity: Put on Production

Days On Completion : 32

#### Rpt Summary :

**Report Detail :** LP - 222 TP - 650 CP - 640 MCF/D - 9361 CHOKE - 100% BO - 3 BW - 12

Date : 2/8/2003

Activity: Put on Production

Days On Completion : 33

#### Rpt Summary :

**Report Detail :** LP - 216 TP - 660 CP - 640 MCF/D - 9508 CHOKE - 100 BO - 2 BW - 10

Date : 2/9/2003

Activity: Put on Production

Days On Completion : 34

#### Rpt Summary :

**Report Detail :** LP - 216 TP - 665 CP - 645 MCF/D - 9546 CHOKE - 100 BO - 1 BW - 8

Date : 2/10/2003

Activity: Put on Production

Days On Completion : 35

#### Rpt Summary :

**Report Detail :** LP - 208 TP - 630 CP - 620 MCF/D - 10040 CHOKE - 120 BO - 1 BW - 9



# Tom Brown, Inc.

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Phone : (303) 260-5000 Fax : (303) 260-5007

## Completion Chron Report

### Lisbon C 910

### Completion Chronological Report

Page 6 of 6

Well Name : Lisbon C 910

Well User ID : 272675

AFE # : W02U279

Operator : Tom Brown, Inc.

WI : 0.995031 NRI 0.848352

Loc :

STR : 10 -30S - 24E

County : San Juan, Ut

APICode : 043-037-31323

Prospect : Lisbon

Contractor :

AFE Type : Workover

Spud Date :

Rig Rel Date :

Total Depth : 0 ft.

Comp Date :

PBTD : 0 ft.

Date : 2/11/2003

Activity : Put on Production

Days On Completion : 36

Rpt Summary :

Report Detail : LP - 214 TP - 610 CP - 590 MCF/D - 10731 CHOKE - 130 BO - 1 BW - 8

Date : 2/12/2003

Activity : Final Report

Days On Completion : 37

Rpt Summary :

Report Detail : LP - 217, TP - 595, CP - 595, MCF - 10958, Choke 100/31, BO - 5, BW - 2, Down - 0

**STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING**

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.

Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

**1. Type of Well**
☐ Oil Well    ☐ Gas Well    ☐ Other

**2. Name of Operator:** EnCana Oil & Gas (USA) Inc.  
(successor in interest of Tom Brown, Inc. effective 1/1/05)
**Contact:** Jane Washburn  
**Phone:** 720/876-5431
**3. Address and Telephone No.**

370 Seventeenth Street, Suite 1700, Denver, CO 80202

**4. Location of Well****Footages:****SEE ATTACHED LIST OF WELLS****QQ, Sec T,R,M:****5. Lease Designation and Serial No.****6. If Indian, Allote or Tribe Name****7. Unit Agreement Name****8. Well Name and Number****9. API Well Number****10. Field and Pool, or Exploratory Area****11. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**
**NOTICE OF INTENT**  
 (Submit in Duplicate)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandon                   | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Repair Casing             | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change Plans              | <input type="checkbox"/> Recomplete           |
| <input type="checkbox"/> Convert to Injection      | <input type="checkbox"/> Reperforate          |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Multiple Completion       | <input type="checkbox"/> Water Shut-Off       |
| <input type="checkbox"/> Other                     |   |

Approximate date work will start \_\_\_\_\_

**SUBSEQUENT REPORT**  
 (Submit Original Form Only)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandon*                  | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Repair Casing             | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change Plans              | <input type="checkbox"/> Recomplete           |
| <input type="checkbox"/> Convert to Injection      | <input type="checkbox"/> Reperforate          |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Water Shut-Off            | <input type="checkbox"/> Water Shut-Off       |

☒ Other \_\_\_\_\_  
 Change of Operator

Date of work completion \_\_\_\_\_

 Report results of Multiple Completions and Recompletions to different reservoirs  
 on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

\* Must be accompanied by a cement verification report.

**12. Describe Proposed or completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof.**

If the proposal is to deepen directionally or recomple horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with the BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, A form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

N9885

N2175


The merger of Tom Brown, Inc. with EnCana Oil &amp; Gas (USA) Inc. was effective January 1, 2005.

It is, therefore, requested that the Operator of all properties on the attached list be changed from Tom Brown, Inc. to EnCana Oil &amp; Gas (USA) Inc.

RECEIVED

JAN 2 / 2005

DIV. OF OIL, GAS &amp; MINING

<b>13. Name (Printed/Typed)</b> Jane Washburn	<b>Title</b> Operations Engineering Tech
<b>Signature</b> 	<b>Date</b> 01/24/2005

(This space for State use only)

APPROVED 2/24/05
 Division of Oil, Gas and Mining  
 Earlene Russell, Engineering Technician

well name	sec	twsp	rng	api	entity	lease	well	stat	flag	unit name	lease num	qtr qtr	td md	d apd	op no
BIG INDIAN 36-42	36	290S	240E	4303731827		State	GW	APD			ST-UT-37067	SESW		5750	N9885
FEDERAL 14-18	18	250S	060E	4301530060	436	Federal	NA	PA			UTU-69447	SWSW			N9885
NW USA D-1 (B-624)	24	300S	240E	4303716516	99990	Federal		A			UTU-070034	NENW			N9885
FEDERAL 15-25	25	290S	230E	4303730317	4776	Federal	GW	S			UTU-986	SWSE			N9885
BIG INDIAN 35-24	35	290S	240E	4303731829	14409	Federal	GW	DRL	C		UTU-077077	SENE			N9885
BIG INDIAN 27-34	27	290S	240E	4303731828		Federal	GW	APD	C		N9885				
BIG INDIAN UNIT 1	33	290S	240E	4303716219	8122	Federal	OW	S		BIG INDIAN	UTSL-067131	SENE			N9885
BIG INDIAN 4	14	300S	250E	4303716221	8124	Federal	GW	TA		BIG INDIAN	UTSL-089097	SWSW			N9885
BIG INDIAN 34-11	34	290S	240E	4303731818	14004	Federal	D	PA	C	BIG INDIAN	UTU-014905	NWNW			N9885
BULL HORN U 10-43	10	300S	250E	4303731831	14393	Federal	GW	DRL	C	BULL HORN	UT-73190	SWSE			N9885
LISBON B-615	15	300S	240E	4303715123	8123	Federal	OW	P		LISBON	UTU-09179	NENW			N9885
LISBON FED 2-21F	21	300S	250E	4303715768	410	Federal	GW	S		LISBON	UTU-094674	SENE			N9885
LISBON B912	12	300S	240E	4303715769	8123	Federal	OW	S		LISBON	UTU-06922	SESW			N9885
LISBON A-713A	13	300S	240E	4303716236	8123	Federal	GW	PA		LISBON	UTSL-070034	SWNW			N9885
LISBON A-715	15	300S	240E	4303716237	8123	Federal		A		LISBON	UTU-020691A	SWNW			N9885
LISBON B-613	13	300S	240E	4303716240	8123	Federal	OW	S		LISBON	UTSL-070034	NENW			N9885
LISBON C-69	09	300S	240E	4303716245	8123	Federal	OW	S		LISBON	UTU-09179	NWNE			N9885
LISBON C-94	04	300S	240E	4303716247	8123	Federal	OW	S		LISBON	UTU-66582	SWSE			N9885
LISBON UNIT D-84	04	300S	240E	4303716250	8123	Federal	OW	P		LISBON	UTU-015445	NESE			N9885
LISBON D-89	09	300S	240E	4303716251	8123	Federal	OW	P		LISBON	UTU-015445	NESE			N9885
NW LISBON USA B-1 (B-614)	14	300S	240E	4303716468	8123	Federal		P		LISBON	UTSL-070008A	NENW			N9885
NW LISBON USA A-2 (D-810)	10	300S	240E	4303716471	8123	Federal		P		LISBON	UTU-14903	NESE			N9885
LISBON B-84	04	300S	240E	4303730054	8123	Federal	OW	S		LISBON	UTU-09179	NESW			N9885
LISBON B-814	14	300S	240E	4303730082	8123	Federal	OW	S		LISBON	UTSL-070008A	NESW			N9885
LISBON C-99	09	300S	240E	4303730693	8123	Federal	OW	P		LISBON	UTU-09179	SWSE			N9885
LISBON B-94	04	300S	240E	4303730695	8123	Federal	OW	S		LISBON	UTU-015445	SESW			N9885
LISBON C-910 I	10	300S	240E	4303731805	12892	Federal	D	PA		LISBON	UTU-0141903	SWSE			N9885
LISBON D-616	16	300S	240E	4303715049	8123	State	OW	P		LISBON	ML-13692	NENE	9120	9120	N9885
LISBON B-616	16	300S	240E	4303716242	8123	State	OW	S		LISBON	ML-8366	NESW	8689	8689	N9885
BELCO ST 4 (LISBON B-816)	16	300S	240E	4303716244	8123	State		A		LISBON	ML-8366	NESW	8730	9100	N9885
LISBON UNIT D-716	16	300S	240E	4303731034	8123	State	OW	P		LISBON	ML-13692	SENE	8794	8775	N9885
LISBON U B-610	10	300S	240E	4303716469	9740	Federal		P		LISBON (MCCRACKEN)	UTU-014903	NENW			N9885
LISBON U D-610	10	300S	240E	4303730694	9740	Federal		P		LISBON (MCCRACKEN)	UTU-014903	NENE			N9885
LISBON UNIT A-911	11	300S	240E	4303731014	9740	Federal		P		LISBON (MCCRACKEN)	UTSL-070008A	SWSW			N9885
LISBON C-910	10	300S	240E	4303731323	9740	Federal		P		LISBON (MCCRACKEN)	UTU-014903	SWSE			N9885
LISBON B-614A	14	300S	240E	4303731351	9740	Federal		TA		LISBON (MCCRACKEN)	UTSL-070008A	NENW			N9885
LISBON B-810	10	300S	240E	4303731433	9740	Federal		P		LISBON (MCCRACKEN)	UTU-014903	NESW			N9885
LISBON (MCCRACKEN) D-615	15	300S	240E	4303731817		Federal	OW	LA		LISBON (MCCRACKEN)	N9885				
LISBON (MCCRACKEN) A-610	10	300S	240E	4303731821		Federal	OW	LA		LISBON (MCCRACKEN)	N9885				
Dual Production (2 entities)															

# Delaware

PAGE 1

*The First State*

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF MERGER, WHICH MERGES:

"TBI PIPELINE COMPANY", A DELAWARE CORPORATION,

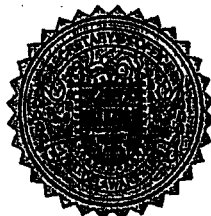
"TBI WEST VIRGINIA, INC.", A DELAWARE CORPORATION,

"TOM BROWN, INC.", A DELAWARE CORPORATION,

WITH AND INTO "ENCANA OIL & GAS (USA) INC." UNDER THE NAME OF "ENCANA OIL & GAS (USA) INC.", A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, AS RECEIVED AND FILED IN THIS OFFICE THE TWENTY-SECOND DAY OF DECEMBER, A.D. 2004, AT 6:15 O'CLOCK P.M.

AND I DO HEREBY FURTHER CERTIFY THAT THE EFFECTIVE DATE OF THE AFORESAID CERTIFICATE OF MERGER IS THE FIRST DAY OF JANUARY, A.D. 2005.

A FILED COPY OF THIS CERTIFICATE HAS BEEN FORWARDED TO THE NEW CASTLE COUNTY RECORDER OF DEEDS.



2137895 8100M

040934710

*Harriet Smith Windsor*  
Harriet Smith Windsor, Secretary of State

AUTHENTICATION: 3584585

DATE: 12-29-04

State of Delaware  
Secretary of State  
Division of Corporations  
Delivered 06:15 PM 12/22/2004  
FILED 06:15 PM 12/22/2004  
SRV 040934710 - 2137895 FILE

**STATE OF DELAWARE  
CERTIFICATE OF MERGER OF  
DOMESTIC CORPORATIONS**

Pursuant to Title 8, Section 251(c) of the Delaware General Corporation Law, the undersigned corporation executed the following Certificate of Merger:

**FIRST:** The name of the surviving corporation is EnCana Oil & Gas (USA) Inc., and the names and jurisdictions of the corporations being merged into this surviving corporation are as follows:

<u>Name</u>	<u>Jurisdiction of Incorporation</u>
Tom Brown, Inc.	Delaware corporation
TBI Pipeline Company	Delaware corporation
TBI West Virginia, Inc.	Delaware corporation

**SECOND:** The Agreement and Plan of Merger has been approved, adopted, certified, executed and acknowledged by each of the constituent corporations.

**THIRD:** The name of the surviving corporation is EnCana Oil & Gas (USA) Inc., a Delaware corporation.

**FOURTH:** The Certificate of Incorporation of the surviving corporation shall be its Certificate of Incorporation.

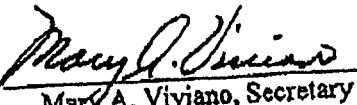
**FIFTH:** The merger is to become effective on January 1, 2005.

**SIXTH:** The Agreement and Plan of Merger is on file at 950 17<sup>th</sup> Street, Suite 2600, Denver, Colorado 80202, the place of business of the surviving corporation.

**SEVENTH:** A copy of the Agreement and Plan of Merger will be furnished by the surviving corporation on request, without cost, to any stockholder of the constituent corporations.

**IN WITNESS WHEREOF,** said surviving corporation has caused this certificate to be signed by an authorized officer, the 17th day of December, A.D., 2004.

ENCANA OIL & GAS (USA) INC.

By:   
Mary A. Viviano, Secretary





7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM not yet BIA

8. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: n/a

9. **Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: n/a

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, Transfer of Authority to Inject, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: n/a

**DATA ENTRY:**

1. Changes entered in the Oil and Gas Database on: 2/24/2005
2. Changes have been entered on the Monthly Operator Change Spread Sheet on: 2/24/2005
3. Bond information entered in RBDMS on: 2/24/2005
4. Fee/State wells attached to bond in RBDMS on: 2/24/2005
5. Injection Projects to new operator in RBDMS on: 2/24/2005
6. Receipt of Acceptance of Drilling Procedures for APD/New on: n/a

**FEDERAL WELL(S) BOND VERIFICATION:**

1. Federal well(s) covered by Bond Number: UT1005

**INDIAN WELL(S) BOND VERIFICATION:**

1. Indian well(s) covered by Bond Number: n/a

**FEE & STATE WELL(S) BOND VERIFICATION:**

1. (R649-3-1) The NEW operator of any fee well(s) listed covered by Bond Number RLB0007875
2. The FORMER operator has requested a release of liability from their bond on: n/a  
The Division sent response by letter on: n/a

**LEASE INTEREST OWNER NOTIFICATION:**

3. (R649-2-10) The FORMER operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a


**COMMENTS:**

Merger and rider of bond from Tom Brown, Inc.


## UIC FORM 5

Well Name and Number <b>See Attached List of Wells</b>		API Number
Location of Well		Field or Unit Name <b>LISBON</b>
Footage : <b>100</b>	County : <b>SAN JUAN</b>	Lease Designation and Number
QQ, Section, Township, Range: <b>10 10 10 10</b>	State : <b>UTAH</b>	

**CURRENT OPERATOR**

Name: Darrin Henke  
Signature:   
Title: Attorney-in-fact  
Date: 3/7/2005

Company:	EnCana Oil & Gas (USA) Inc.		
Address:	370 17th Street, Suite 1700		
	city	state	zip
	Denver	CO	80202
Phone:	(720) 876-5068		
Comments:			

Name: Doug VanSteelandt  
Signature:   
Title: Attorney-in-fact  
Date: 3/7/2005

Transfer approved by: [Signature]  
Title: Public Services Manager

3-14-05  
RECEIVED  
Approval Date: \_\_\_\_\_  
MAR 10 2005

Comments: Cause WtL-307, WIC-297

Then A-911, C-910 + B-810 never received VIC permits according to our records.

## Attachment to UIC Form 5

Date: 03/07/2005

API Well Number	Well Name	Lease Number	Field Name	County Name	Qtr/Qtr	Section	Location (Twn-Rng)
43-037-16237-00-00	LISBON A-715	U 20691A	LISBON	SAN JUAN	SWNW	15	30S-24E
43-037-16516-00-00	NW USA D-1 (B-624)	UTSL 070034	LISBON	SAN JUAN	NENW	24	30S-24E
43-037-31014-00-00	LISBON UNIT A-911	UTSL 070008A	LISBON	SAN JUAN	SWSW	11	30S-24E - <i>NO</i> --
<b>43-037-31323-00-00</b>	LISBON C-910	UTU 014903	LISBON	SAN JUAN	SWSE	<b>10</b>	<b>30S-24E</b> - <i>NO</i>
43-037-31433-00-00	LISBON B-810	UTU 014903	LISBON	SAN JUAN	NESW	10	30S-24E - <i>NO</i>

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET (for state use only)**

ROUTING

CDW

**X - Change of Operator (Well Sold)**

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

**5/14/2010**

**FROM: (Old Operator):**  
 N2175-EnCana Oil & Gas (USA) Inc.  
 370 17th Street, Suite 1700  
 Denver, CO 80202  
 Phone: 1 (303) 623-2300

**TO: ( New Operator):**  
 N3670-Patara Oil & Gas, LLC  
 333 Clay Street, Suite 3960  
 Houston, TX 77002  
 Phone: 1 (713) 357-7171

CA No.

Unit:

LISBON

WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
SEE ATTACHED								

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 5/11/2010
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 5/11/2010
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 5/11/2010
- a. Is the new operator registered in the State of Utah: Business Number: 7655540-0161
- 5a. (R649-9-2) Waste Management Plan has been received on: \* \* requested 9/27/10
- 5b. Inspections of LA PA state/fee well sites complete on: \* \* requested 9/27/10
- 5c. Reports current for Production/Disposition & Sundries on: ok
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM not yet BIA
- Federal and Indian Units:**  
 The BLM or BIA has approved the successor of unit operator for wells listed on: 6/28/2010 & 9/2/2010
- Federal and Indian Communization Agreements ("CA"):**  
 The BLM or BIA has approved the operator for all wells listed within a CA on: n/a
- Underground Injection Control ("UIC")** Division has approved UIC Form 5 Transfer of Authority to Inject, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 6/29/2010  
 Lisbon B-816 only

**DATA ENTRY:**

- Changes entered in the **Oil and Gas Database** on: 9/14/2010
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 9/14/2010
- Bond information entered in RBDMS on: 9/14/2010
- Fee/State wells attached to bond in RBDMS on: 9/14/2010
- Injection Projects to new operator in RBDMS on: 9/14/2010
- Receipt of Acceptance of Drilling Procedures for APD/New on: 5/11/2010

**BOND VERIFICATION:**

- Federal well(s) covered by Bond Number: UTB000428
- Indian well(s) covered by Bond Number: n/a
- a. (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number RLB0013207 & B006008
- b. The **FORMER** operator has requested a release of liability from their bond on: not yet

**LEASE INTEREST OWNER NOTIFICATION:**

- (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

**COMMENTS:**

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER:
2. NAME OF OPERATOR: ENCANA OIL & GAS (USA) INC. <i>N2175</i>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 370 17th Street, Suite 1700 CITY Denver STATE CO ZIP 80202 PHONE NUMBER: (303) 623-2300		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL FOOTAGES AT SURFACE: See Attached List COUNTY:		8. WELL NAME and NUMBER:
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: STATE: UTAH		9. API NUMBER:
		10. FIELD AND POOL, OR WILDCAT:

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON	
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____	
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION		

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Effective May 4, 2010 Patara Oil & Gas LLC, 333 Clay Street, Suite 3960, Houston, TX 77002, will take over completions and operations and is designated as agent operator for the subject wells on the attached list.

Bond coverage for all activities will be covered by Patara's BLM Statewide Oil & Gas Bond No. UTB000428 and UDOGM Bond No. Pending. *RLB0013207 + B006008*

Patara Oil & Gas LLC, Lane M. Kincannon, Vice-President, Land & Business Development *N3670*

Signature *[Signature]* Date 5/4/2010

NAME (PLEASE PRINT) <u>Ricardo D. Gallegos</u>	TITLE <u>Attorney-in-Fact</u>
SIGNATURE <i>[Signature]</i>	DATE <u>5/4/2010</u>

(This space for State use only)

APPROVED 9/14/2010  
*Earlene Russell*  
Division of Oil, Gas and Mining  
Earlene Russell, Engineering Technician

(See Instructions on Reverse Side)

RECEIVED  
*May 11 2010 ER*  
DIV. OF OIL, GAS & MINING

ENCANA O-G (N2175) to PATARA O-G (N3670)  
effective May 4, 2010  
LISBON UNIT

well name	sec	tpw	rng	api	entity	lease	well	stat	C
LISBON D-616	16	300S	240E	4303715049	8123	State	OW	S	
LISBON B-615	15	300S	240E	4303715123	8123	Federal	OW	P	
LISBON B912	12	300S	240E	4303715769	8123	Federal	OW	S	
LISBON A-715	15	300S	240E	4303716237	8123	Federal	WD	I	
LISBON B-613	13	300S	240E	4303716240	8123	Federal	OW	S	
LISBON B-616	16	300S	240E	4303716242	8123	State	OW	S	
BELCO ST 4 (LISBON B-816)	16	300S	240E	4303716244	8123	State	WD	A	
LISBON C-69	09	300S	240E	4303716245	8123	Federal	OW	S	
LISBON C-94	04	300S	240E	4303716247	8123	Federal	OW	S	
LISBON UNIT D-84	04	300S	240E	4303716250	8123	Federal	OW	P	
LISBON D-89	09	300S	240E	4303716251	8123	Federal	OW	S	
NW LISBON USA A-2 (D-810)	10	300S	240E	4303716471	8123	Federal	GW	P	
LISBON B-84	04	300S	240E	4303730054	8123	Federal	OW	S	
LISBON B-814	14	300S	240E	4303730082	8123	Federal	WD	A	
LISBON C-99	09	300S	240E	4303730693	8123	Federal	OW	S	
LISBON B-94	04	300S	240E	4303730695	8123	Federal	OW	S	
LISBON UNIT A-911	11	300S	240E	4303731014	8123	Federal	GW	P	
LISBON UNIT D-716	16	300S	240E	4303731034	8123	State	OW	S	
LISBON C-910	10	300S	240E	4303731323	8123	Federal	OW	S	
LISBON B-614A	14	300S	240E	4303731351	8123	Federal	OW	S	
LISBON B-810	10	300S	240E	4303731433	8123	Federal	OW	P	



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155  
<http://www.blm.gov/ut/st/en.html>



IN REPLY REFER TO  
3180  
UT-922

June 28, 2010

David M. Laramie  
Patara Oil & Gas, LLC  
621 17<sup>th</sup> Street, Suite 1345  
Denver, CO 80293

Re: Successor Operator  
Lisbon Unit, UTU630370  
San Juan County, Utah

Dear Mr. Laramie:

On June 25, 2010, we received an indenture dated May 4, 2010, whereby EnCana Oil & Gas (USA), Inc. resigned as Unit Operator and Patara Oil & Gas, LLC was designated as Successor Unit Operator for the Lisbon Unit, San Juan County, Utah. The indenture was executed by both parties and the signatory parties (working interest owners) have complied with Sections 5 and 6 of the unit agreement.

The instrument is hereby approved effective June 28, 2010. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the Lisbon Unit Agreement.

Your statewide oil and gas BLM Bond No. UTB000428 will be used to cover unit operations.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate Federal offices, with one copy returned herewith.

If you have any questions, contact Leslie Wilcken of this office at (801) 539-4112.

Sincerely,

/s/ Roger L. Bankert

Roger L. Bankert  
Chief, Branch of Minerals

RECEIVED

JUL 06 2010

DIV. OF OIL, GAS & MINING

Enclosure

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET (for state use only)**

**ROUTING**

CDW

**X - Change of Operator (Well Sold)**

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

**11/1/2012**

<b>FROM: (Old Operator):</b> N3670- Patara Oil & Gas, LLC 600 17th Street, Suite 1900S Denver, CO 80202  Phone: 1 (303) 825-0685	<b>TO: ( New Operator):</b> N3645- CCI Paradox Upstream, LLC 600 17th Street, Suite 1900S Denver, CO 80202  Phone: 1 (303) 825-0685
---	--

CA No.				Unit:		Lisbon		
WELL NAME	SEC TWN RNG			API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
See Attached List								

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 1/23/2013
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 2/7/2013
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 2/12/2013
- a. Is the new operator registered in the State of Utah: Business Number: 8523441-0161
- a. (R649-9-2)Waste Management Plan has been received on: Not Yet
- b. Inspections of LA PA state/fee well sites complete on: N/A
- c. Reports current for Production/Disposition & Sundries on: 2/12/2013
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM Not Yet BIA N/A
- Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on: Not Yet
- Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on: N/A
- Underground Injection Control ("UIC")** Division has approved UIC Form 5 Transfer of Authority to **Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 2/6/2013

**DATA ENTRY:**

- Changes entered in the **Oil and Gas Database** on: 2/12/2013
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 2/12/2013
- Bond information entered in RBDMS on: 2/7/2013
- Fee/State wells attached to bond in RBDMS on: 2/12/2013
- Injection Projects to new operator in RBDMS on: N/A
- Receipt of Acceptance of Drilling Procedures for APD/New on: 2/4/2013

**BOND VERIFICATION:**

- Federal well(s) covered by Bond Number: 105865919
- Indian well(s) covered by Bond Number: N/A
- a. (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number 105865922
- b. The **FORMER** operator has requested a release of liability from their bond on: N/A

**LEASE INTEREST OWNER NOTIFICATION:**

- (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: N/A

**COMMENTS:**



Patara Oil Gas, LLC (N3670) to CCI Paradox Upstream, LLC (N3945)

Effective 11/1/2012

Lisbon Unit

Well Name	Section	TWN	RNG	API Number	Entity	Lease Type	Well Type	Well Status
BELCO ST 4 (LISBON B-816)	16	300S	240E	4303716244	8123	State	WD	A
LISBON B-814	14	300S	240E	4303730082	8123	Federal	WD	A
LISBON A-715	15	300S	240E	4303716237	8123	Federal	WD	I
LISBON B-613	13	300S	240E	4303716240	8123	Federal	OW	P
NW LISBON USA A-2 (D-810)	10	300S	240E	4303716471	8123/9740	Federal	GW	P
LISBON UNIT A-911	11	300S	240E	4303731014	8123	Federal	GW	P
LISBON B-614A	14	300S	240E	4303731351	9740	Federal	OW	P
LISBON B-810	10	300S	240E	4303731433	9740	Federal	OW	P
LISBON B-615	15	300S	240E	4303715123	8123	Federal	OW	S
LISBON B912	12	300S	240E	4303715769	8123	Federal	OW	S
LISBON C-69	09	300S	240E	4303716245	8123	Federal	OW	S
LISBON C-94	04	300S	240E	4303716247	8123	Federal	OW	S
LISBON UNIT D-84	04	300S	240E	4303716250	8123	Federal	OW	S
LISBON D-89	09	300S	240E	4303716251	8123	Federal	OW	S
LISBON B-84	04	300S	240E	4303730054	8123	Federal	OW	S
LISBON C-99	09	300S	240E	4303730693	8123	Federal	OW	S
LISBON B-94	04	300S	240E	4303730695	8123	Federal	OW	S
LISBON C-910	10	300S	240E	4303731323	8123	Federal	OW	S

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JAN 23 2013

FORM 9

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

DIV. OF OIL, GAS &amp; MINING

## SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <u>Multiple Well Transfer</u>		5. LEASE DESIGNATION AND SERIAL NUMBER: n/a
2. NAME OF OPERATOR: Patara Oil & Gas LLC <u>N3670</u>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: n/a
3. ADDRESS OF OPERATOR: 600 17th St. Ste. 1900S City Denver STATE CO ZIP 80202		7. UNIT or CA AGREEMENT NAME: n/a
PHONE NUMBER: (303) 825-0685		8. WELL NAME and NUMBER: Multiple
4. LOCATION OF WELL FOOTAGES AT SURFACE: n/a		9. API NUMBER: n/a
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		10. FIELD AND POOL, OR WILDCAT: n/a

COUNTY: San Juan, UT

STATE:

UTAH

## 11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 11/1/2012	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Patara Oil & Gas LLC (Patara) hereby requests the transfer of operating rights and responsibilities for the subject wells, listed herein, to the new owner/operator of the assets, being effective November 1, 2012; CCI Paradox Upstream LLC (CCI).

Please see Exhibit I for a detailed list of upstream assets considered for transfer. Patara midstream assets will be transferred via a separate letter, enclosed.

NAME (PLEASE PRINT) <u>Christopher A. Noonan</u>	TITLE <u>Regulations &amp; Production Reporting Supervisor</u>
SIGNATURE <u><i>Christopher A. Noonan</i></u>	DATE <u>1/18/13</u>

(This space for State use only)

APPROVED

FEB 12 2013

(5/2000)

DIV. OF OIL, GAS &amp; MINING

(See Instructions on Reverse Side)

BY: Rachel Medina

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <u>Multiple Well Transfer</u>		5. LEASE DESIGNATION AND SERIAL NUMBER: n/a
2. NAME OF OPERATOR: CCI Paradox Upstream LLC <u>N3945</u>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: n/a
3. ADDRESS OF OPERATOR: 600 17th St. Ste. 1900S CITY <u>Denver</u> STATE <u>CO</u> ZIP <u>80202</u>		7. UNIT or CA AGREEMENT NAME: n/a
4. LOCATION OF WELL FOOTAGES AT SURFACE: <u>n/a</u>		8. WELL NAME and NUMBER: <u>Multiple</u>
PHONE NUMBER: <u>(303) 825-0685</u>		9. API NUMBER: n/a
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		10. FIELD AND POOL, OR WILDCAT: n/a

COUNTY: San Juan, UT

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: <u>11/1/2012</u>	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

CCI Paradox Upstream LLC (CCI), hereby requests the transfer of operating rights and responsibilities for the subject wells, listed herein, to the new owner/operator of the assets, CCI, being effective November 1, 2012. The assets were previously operated by Patara Oil & Gas LLC (Patara) prior to sale.

Please see Exhibit I for a detailed list of upstream assets considered for transfer. Patara midstream assets will be transferred via a separate letter, enclosed.

Bond Number:  
BLM: 105865919  
State: 105865922

NAME (PLEASE PRINT) <u>Christopher A. Noonan</u>	TITLE <u>Regulations &amp; Production Reporting Supervisor</u>
SIGNATURE <u>[Signature]</u>	DATE <u>2/6/2012</u>

(This space for State use only)

**APPROVED**

FEB 12 2013

DIV. OIL GAS & MINING

BY: Rachel Medina

**RECEIVED**

FEB 07 2013

Div. of Oil, Gas & Mining

# Exhibit I

BLM Form 3160-5 Transfer of Operator

Utah Form 9 Transfer of Operator

State of Utah Upstream Assets

01/09/2013

API Well Number	Operator	Well Name	Well Status	Well Type	Field Name	County	Qtr/Qtr	Section	Township-Range)
✓ 43-037-15049-00-00	PATARA OIL & GAS LLC	LISBON D-616	Shut-In	Oil Well	LISBON	SAN JUAN	NENE	16	30S-24E 1
✓ 43-037-15123-00-00	PATARA OIL & GAS LLC	LISBON B-615	Producing	Oil Well	LISBON	SAN JUAN	NENW	15	30S-24E 2
✓ 43-037-15769-00-00	PATARA OIL & GAS LLC	LISBON B912	Shut-In	Oil Well	LISBON	SAN JUAN	SESW	12	30S-24E 3
✓ 43-037-16219-00-00	PATARA OIL & GAS LLC	BIG INDIAN UNIT 1	Shut-In	Oil Well	BIG INDIAN (MADISON)	SAN JUAN	SENE	33	29S-24E 11
✓ 43-037-16221-00-00	PATARA OIL & GAS LLC	BIG INDIAN 4	Shut-In	Gas Well	BIG INDIAN (HERMOSA)	SAN JUAN	SWSW	14	30S-25E 5
✓ 43-037-16237-00-00	PATARA OIL & GAS LLC	LISBON A-715	Inactive	Water Disposal Well	LISBON	SAN JUAN	SWNW	15	30S-24E 6
✓ 43-037-16240-00-00	PATARA OIL & GAS LLC	LISBON B-613	Shut-In	Oil Well	LISBON	SAN JUAN	NENW	13	30S-24E 7
✓ 43-037-16242-00-00	PATARA OIL & GAS LLC	LISBON B-616	Shut-In	Oil Well	LISBON	SAN JUAN	NESW	16	30S-24E 8
✓ 43-037-16244-00-00	PATARA OIL & GAS LLC	BELCO ST 4 (LISBON B-816)	Active	Water Disposal Well	LISBON	SAN JUAN	NESW	16	30S-24E 9
✓ 43-037-16245-00-00	PATARA OIL & GAS LLC	LISBON C-69	Shut-In	Oil Well	LISBON	SAN JUAN	NWNE	9	30S-24E 10

✓ 43-037-16247-00-00	PATARA OIL & GAS LLC	LISBON C-94	Shut-In	Oil Well	LISBON	SAN JUAN	SWSE	4	30S-24E 11
✓ 43-037-16250-00-00	PATARA OIL & GAS LLC	LISBON UNIT D-84	Shut-In	Oil Well	LISBON	SAN JUAN	NESE	4	30S-24E 12
✓ 43-037-16251-00-00	PATARA OIL & GAS LLC	LISBON D-89	Shut-In	Oil Well	LISBON	SAN JUAN	NESE	9	30S-24E 13
43-037-16469-00-00	PATARA OIL & GAS LLC	LISBON U B-610	Producing	Oil Well	LISBON	SAN JUAN	NENW	10	30S-24E 14
43-037-16471-00-00	PATARA OIL & GAS LLC	NW LISBON USA A-2 (D-810)	Producing	Gas Well	LISBON	SAN JUAN	NESE	10	30S-24E 15
43-037-30054-00-00	PATARA OIL & GAS LLC	LISBON B-84	Shut-In	Oil Well	LISBON	SAN JUAN	NESW	4	30S-24E 16
43-037-30082-00-00	PATARA OIL & GAS LLC	LISBON B-814	Active	Water Disposal Well	LISBON	SAN JUAN	NESW	14	30S-24E 17
43-037-30317-00-00	PATARA OIL & GAS LLC	FEDERAL 15-25	Shut-In	Gas Well	WILSON CANYON	SAN JUAN	SWSE	25	29S-23E 18
43-037-30693-00-00	PATARA OIL & GAS LLC	LISBON C-99	Shut-In	Oil Well	LISBON	SAN JUAN	SWSE	9	30S-24E 19
43-037-30694-00-00	PATARA OIL & GAS LLC	LISBON U D-610	Shut-In	Gas Well	LISBON	SAN JUAN	NENE	10	30S-24E 20
43-037-30695-00-00	PATARA OIL & GAS LLC	LISBON B-94	Shut-In	Oil Well	LISBON	SAN JUAN	SESW	4	30S-24E 1
43-037-31014-00-00	PATARA OIL & GAS LLC	LISBON UNIT A-911	Producing	Gas Well	LISBON	SAN JUAN	SWSW	11	30S-24E 2
43-037-31034-00-00	PATARA OIL & GAS LLC	LISBON UNIT D-716	Shut-In	Oil Well	LISBON	SAN JUAN	SENE	16	30S-24E 3
43-037-31323-00-00	PATARA OIL & GAS LLC	LISBON C-910	Shut-In	Oil Well	LISBON	SAN JUAN	SWSE	10	30S-24E 4
43-037-31351-00-00	PATARA OIL & GAS LLC	LISBON B-614A	Shut-In	Oil Well	LISBON	SAN JUAN	NENW	14	30S-24E 5
43-037-31433-00-00	PATARA OIL & GAS LLC	LISBON B-810	Producing	Oil Well	LISBON	SAN JUAN	NESW	10	30S-24E 6

43-037-31829-00-00	PATARA OIL & GAS LLC	BIG INDIAN 35-24	Shut-In	Gas Well	SOUTH PINE RIDGE	SAN JUAN	SENE	35	29S-24E 7
43-037-31831-00-00	PATARA OIL & GAS LLC	BULL HORN U 10-43	Producing	Gas Well	BIG INDIAN (HERMOSA)	SAN JUAN	SWSE	10	30S-25E 8
43-037-31838-00-00	PATARA OIL & GAS LLC	MIDDLE MESA ST 36-14-29-24	Producing	Gas Well	SOUTH PINE RIDGE	SAN JUAN	NENE	36	29S-24E 9
43-037-31843-00-00	PATARA OIL & GAS LLC	BULL HORN FED 9-14-30-25	Producing	Gas Well	BIG INDIAN (HERMOSA)	SAN JUAN	NENE	9	30S-25E 30
43-037-31848-00-00	PATARA OIL & GAS LLC	BULL HORN FED 15-14-30-25	Producing	Gas Well	BIG INDIAN (HERMOSA)	SAN JUAN	NENE	15	30S-25E 1
43-037-31849-00-00	PATARA OIL & GAS LLC	BULL HORN FED 10-21-30-25	Producing	Gas Well	BIG INDIAN (HERMOSA)	SAN JUAN	NWSW	10	30S-25E 2
43-037-31850-00-00	PATARA OIL & GAS LLC	BIG INDIAN FED 14-21-30-25	Producing	Gas Well	BIG INDIAN (HERMOSA)	SAN JUAN	SWNW	14	30S-25E 3
43-037-31853-00-00	PATARA OIL & GAS LLC	MIDDLE MESA FED 5-6-30-25	Producing	Gas Well	SOUTH PINE RIDGE	SAN JUAN	LOT6	5	30S-25E 4
43-037-31854-00-00	PATARA OIL & GAS LLC	MIDDLE MESA FED 31-31-29-25	Producing	Gas Well	SOUTH PINE RIDGE	SAN JUAN	NWSW	31	29S-25E 5
43-037-31855-00-00	PATARA OIL & GAS LLC	MIDDLE MESA ST 36-12-29-24	Shut-In	Gas Well	SOUTH PINE RIDGE	SAN JUAN	NENW	36	29S-24E 6
43-037-31856-00-00	PATARA OIL & GAS LLC	MIDDLE MESA ST 36-24-29-24	Producing	Gas Well	SOUTH PINE RIDGE	SAN JUAN	SENE	36	29S-24E 7
43-037-31859-00-00	PATARA OIL & GAS LLC	BIG INDIAN FED 15-24-30-25	Shut-In	Gas Well	BIG INDIAN (HERMOSA)	SAN JUAN	SWNW	14	30S-25E 8
43-037-31860-00-00	PATARA OIL & GAS LLC	BIG INDIAN FED 14-42-30-25	Producing	Gas Well	BIG INDIAN (HERMOSA)	SAN JUAN	SESW	14	30S-25E 9
43-037-31861-00-00	PATARA OIL & GAS LLC	BULL HORN FED 10-42-30-25	Shut-In	Gas Well	BIG INDIAN (HERMOSA)	SAN JUAN	SESW	10	30S-25E 40
43-037-31864-00-00	PATARA OIL & GAS LLC	BULL HORN FED 10-31-30-25	Producing	Gas Well	BIG INDIAN (HERMOSA)	SAN JUAN	NWSW	10	30S-25E 1
43-037-31877-00-00	PATARA OIL & GAS LLC	MIDDLE MESA ST 36-12B-29-24	Producing	Gas Well	SOUTH PINE RIDGE	SAN JUAN	NENW	36	29S-24E 2

43-037-31878-00-00	PATARA OIL & GAS LLC	MIDDLE MESA ST 36-24B-29-24	Producing	Gas Well	SOUTH PINE RIDGE	SAN JUAN	SENE	36	29S-24E 3
43-037-31883-00-00	PATARA OIL & GAS LLC	BIG INDIAN FED 15-24B-30-25	Shut-In	Gas Well	BIG INDIAN (HERMOSA)	SAN JUAN	SWNW	14	30S-25E 4
43-037-31884-00-00	PATARA OIL & GAS LLC	BIG INDIAN FED 23-13B-30-25	Approved permit (APD); not yet spudded	Gas Well	BIG INDIAN (HERMOSA)	SAN JUAN	NWNE	23	30S-25E 5
43-037-31885-00-00	PATARA OIL & GAS LLC	BIG INDIAN FED 23-13-30-25	Approved permit (APD); not yet spudded	Gas Well	BIG INDIAN (HERMOSA)	SAN JUAN	NWNE	23	30S-25E 6
43-037-31891-00-00	PATARA OIL & GAS LLC	BULL HORN FED 15-13-30-25	Producing	Gas Well	BIG INDIAN (HERMOSA)	SAN JUAN	NENE	15	30S-25E 7
43-037-31893-00-00	PATARA OIL & GAS LLC	MIDDLE MESA FED 30-41-29-25	Approved permit (APD); not yet spudded	Gas Well	UNDESIGNATED	SAN JUAN	SWSW	30	29S-25E 8
43-037-31897-00-00	PATARA OIL & GAS LLC	MIDDLE MESA FED 5-10-30-25	Spudded (Drilling commenced: Not yet completed)	Gas Well	SOUTH PINE RIDGE	SAN JUAN	LT10	5	30S-25E 9
43-037-31901-00-00	PATARA OIL & GAS LLC	MIDDLE MESA FED 25-43-29-24	Approved permit (APD); not yet spudded	Gas Well	UNDESIGNATED	SAN JUAN	SWSE	25	29S-24E 10
43-037-31902-00-00	PATARA OIL & GAS LLC	MIDDLE MESA FED 25-41-29-24	Producing	Gas Well	SOUTH PINE RIDGE	SAN JUAN	SWSW	25	29S-24E 1
43-037-31903-00-00	PATARA OIL & GAS LLC	MIDDLE MESA FED 25-31-29-24	Producing	Gas Well	SOUTH PINE RIDGE	SAN JUAN	NWSW	25	29S-24E 2
43-037-31904-00-00	PATARA OIL & GAS LLC	MIDDLE MESA FED 26-34-29-24	Producing	Gas Well	SOUTH PINE RIDGE	SAN JUAN	NESW	26	29S-24E 3

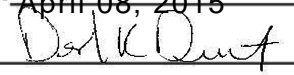
43-037-31905-00-00	PATARA OIL & GAS LLC	MIDDLE MESA FED 26-23-29-24	Approved permit (APD); not yet spudded	Gas Well	UNDESIGNATED	SAN JUAN	SWNE	26	29S-24E 4
43-037-31906-00-00	PATARA OIL & GAS LLC	MIDDLE MESA FED 31-44-29-25	Producing	Gas Well	SOUTH PINE RIDGE	SAN JUAN	SESE	31	29S-25E 5
43-037-31907-00-00	PATARA OIL & GAS LLC	MIDDLE MESA FED 31-33-29-25	Producing	Gas Well	SOUTH PINE RIDGE	SAN JUAN	NWSE	31	29S-25E 4
43-037-31909-00-00	PATARA OIL & GAS LLC	MIDDLE MESA FED 31-22-29-25	Approved permit (APD); not yet spudded	Gas Well	SOUTH PINE RIDGE	SAN JUAN	SENE	31	29S-25E 7
43-037-31910-00-00	PATARA OIL & GAS LLC	MIDDLE MESA FED 31-11-29-25	Approved permit (APD); not yet spudded	Gas Well	SOUTH PINE RIDGE	SAN JUAN	NWNW	31	29S-25E 8
43-037-50008-00-00	PATARA OIL & GAS LLC	CISCO STATE 36-13	Temporarily-Abandoned	Gas Well	WILDCAT	SAN JUAN	NWNE	36	31S-24E 9
43-037-50010-00-00	PATARA OIL & GAS LLC	MIDDLE MESA FED 4-20-30-25	Producing	Gas Well	SOUTH PINE RIDGE	SAN JUAN	SWNW	4	30S-25E 60
43-037-50012-00-00	PATARA OIL & GAS LLC	Lisbon 11-32MC	Returned APD (Unapproved)	Oil Well	UNDESIGNATED	SAN JUAN	SWNE	11	30S-24E 1
43-037-50013-00-00	PATARA OIL & GAS LLC	Lisbon 14-11MC	Approved permit (APD); not yet spudded	Oil Well	LISBON	SAN JUAN	NWNW	14	30S-24E 2
43-037-50014-00-00	PATARA OIL & GAS LLC	Lisbon 10-44MC	Approved permit (APD); not yet spudded	Oil Well	LISBON	SAN JUAN	NWNW	14	30S-24E 3



43-037-50015-00-00	PATARA OIL & GAS LLC	Lisbon 3-32MC	Approved permit (APD); not yet spudded	Oil Well	LISBON	SAN JUAN	NESE	4	4 30S-24E
43-037-50016-00-00	PATARA OIL & GAS LLC	Lisbon 11-33MC	Approved permit (APD); not yet spudded	Oil Well	LISBON	SAN JUAN	NENW	14	5 30S-24E
43-037-50017-00-00	PATARA OIL & GAS LLC	Lisbon 11-21MC	Approved permit (APD); not yet spudded	Gas Well	LISBON	SAN JUAN	NWSE	10	6 30S-24E
43-037-50018-00-00	PATARA OIL & GAS LLC	Lisbon 3-43MC	Approved permit (APD); not yet spudded	Oil Well	LISBON	SAN JUAN	SESE	3	7 30S-24E
43-037-50019-00-00	PATARA OIL & GAS LLC	Lisbon 10-33MC	Spudded (Drilling commenced: Not yet completed)	Oil Well	LISBON	SAN JUAN	NWSE	10	8 30S-24E
43-037-50021-00-00	PATARA OIL & GAS LLC	Middle Mesa Fed 31-42-29-25	Approved permit (APD); not yet spudded	Gas Well	SOUTH PINE RIDGE	SAN JUAN	SESW	31	9 29S-25E
43-037-50026-00-00	PATARA OIL & GAS LLC	Middle Mesa Federal 5-8-30-25	Approved permit (APD); not yet spudded	Gas Well	SOUTH PINE RIDGE	SAN JUAN	NENE	5	10 30S-25E

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-014903
<b>1. TYPE OF WELL</b> Oil Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> CCI PARADOX UPSTREAM, LLC		<b>7. UNIT or CA AGREEMENT NAME:</b> LISBON
<b>3. ADDRESS OF OPERATOR:</b> 600 17th Street, Suite 1900S , Denver, CO, 80202		<b>8. WELL NAME and NUMBER:</b> LISBON C-910
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0622 FSL 1452 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWSE Section: 10 Township: 30.0S Range: 24.0E Meridian: S		<b>9. API NUMBER:</b> 43037313230000
<b>9. FIELD and POOL or WILDCAT:</b> LISBON		<b>COUNTY:</b> SAN JUAN
<b>STATE:</b> UTAH		
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 2/28/2015	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> CHANGE WELL NAME	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> CONVERT WELL TYPE	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input checked="" type="checkbox"/> OTHER	
	OTHER: <span style="border: 1px solid black; padding: 2px;">Pumping &amp; Tubing Pressure</span>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  CCI Paradox Upstream, LLC has gathered casing & tubing pressures for the month of February 2015 for all shut-in wells, please see the attached spreadsheet. Subsequent monthly reports of shut-in well casing and tubing pressures will be submitted on a monthly basis.		
<b>Accepted by the          Utah Division of          Oil, Gas and Mining          FOR RECORD ONLY          March 12, 2015</b>		
<b>NAME (PLEASE PRINT)</b> Ashley Noonan	<b>PHONE NUMBER</b> 303 728-2232	<b>TITLE</b> Regulatory Analyst
<b>SIGNATURE</b> N/A	<b>DATE</b> 3/12/2015	

Well Name	API	Casing Feb	Tubing Feb	Casing Mar	Tubing Mar	Casing Apr	Tubing Apr	Casing May	Tubing May	Casing Jun	Tubing Jun	Casing Jul	Tubing Jul	Casing Aug	Tubing Aug	Casing Sep	Tubing Sep	Casing Oct	Tubing Oct	Casing Nov	Tubing Nov	Casing Dec	Tubing Dec
BIG INDIAN UNIT 1	4303716219	480	2400																				
BULL HORN U 10-43	4303731831	280	0																				
LISBON B-616	4303716242	40	40																				
LISBON B-84	4303730054	0	101																				
LISBON B912	4303715769	1100	60																				
LISBON B-94	4303730695	0	0																				
LISBON C-69	4303716245	180	810																				
LISBON C-910	4303731323	480	60																				
LISBON C-94	4303716247	30	0																				
LISBON C-99	4303730693	20	1000																				
LISBON D-616	4303715049	0	15																				
LISBON D-716	4303731034	8	1160																				
LISBON D-84	4303716250	480	60																				
LISBON D-89	4303716251	100	140																				
FEDERAL 15-25	4303730317	380 Bottom/3300 Top	3300																				

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-014903
<b>1. TYPE OF WELL</b> Oil Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> CCI PARADOX UPSTREAM, LLC		<b>7. UNIT or CA AGREEMENT NAME:</b> LISBON
<b>3. ADDRESS OF OPERATOR:</b> 600 17th Street, Suite 1900S, Denver, CO, 80202		<b>8. WELL NAME and NUMBER:</b> LISBON C-910
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0622 FSL 1452 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWSE Section: 10 Township: 30.0S Range: 24.0E Meridian: S		<b>9. API NUMBER:</b> 43037313230000
<b>9. FIELD and POOL or WILDCAT:</b> LISBON		<b>COUNTY:</b> SAN JUAN
<b>STATE:</b> UTAH		
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION <input checked="" type="checkbox"/> OTHER	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 3/31/2015	OTHER: <span style="border: 1px solid black; padding: 2px;">Pumping &amp; Tubing Pressure</span>	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> DRILLING REPORT Report Date:	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. CCI Paradox Upstream, LLC has gathered casing & tubing pressures for the month of March 2015 for all shut-in wells, please see the attached spreadsheet. Subsequent monthly reports of shut-in well casing and tubing pressures will be submitted on a monthly basis.		
<b>Accepted by the Utah Division of Oil, Gas and Mining</b>		<b>Date:</b> April 08, 2015 <b>By:</b> 
<b>NAME (PLEASE PRINT)</b> Ashley Noonan	<b>PHONE NUMBER</b> 303 728-2232	<b>TITLE</b> Regulatory Analyst
<b>SIGNATURE</b> N/A	<b>DATE</b> 4/7/2015	

Well Name	API	Casing Feb	Tubing Feb	Casing Mar	Tubing Mar	Casing Apr	Tubing Apr	Casing May	Tubing May	Casing Jun	Tubing Jun	Casing Jul
BIG INDIAN UNIT 1	4303716219	480	2400	500	2400							
BULL HORN U 10-43	4303731831	280	0	220	0							
LISBON B-616	4303716242	40	40	24	20							
LISBON B-84	4303730054	-4	101	4	100							
LISBON B912	4303715769	1100	60	1125	60							
LISBON B-94	4303730695	0	0	0	0							
LISBON C-69	4303716245	180	810	580	800							
LISBON C-910	4303731323	480	60	445	80							
LISBON C-94	4303716247	30	0	0	0							
LISBON C-99	4303730693	20	1000	45	1000							
LISBON D-616	4303715049	0	15	Rig	Rig							
LISBON D-716	4303731034	8	1160	0	0							
LISBON D-84	4303716250	480	60	560	550							
LISBON D-89	4303716251	100	140	unable	unable							
FEDERAL 15-25	4303730317	380 Bottom/3300 Top	3300	3300	3200							

Utah  
CCI Paradox Upstream, LLC  
Shut- In Wells

### Required Actions

[illegible]

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-014903
<b>1. TYPE OF WELL</b> Oil Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> CCI PARADOX UPSTREAM, LLC		<b>7. UNIT or CA AGREEMENT NAME:</b> LISBON
<b>3. ADDRESS OF OPERATOR:</b> 811 Main Street, Suite 3500 , Houston, TX, 77002		<b>8. WELL NAME and NUMBER:</b> LISBON C-910
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0622 FSL 1452 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWSE Section: 10 Township: 30.0S Range: 24.0E Meridian: S		<b>9. API NUMBER:</b> 43037313230000
<b>9. FIELD and POOL or WILDCAT:</b> LISBON		<b>COUNTY:</b> SAN JUAN
<b>STATE:</b> UTAH		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE  <input type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input type="checkbox"/> APD EXTENSION	<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <b>4/30/2015</b>
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input checked="" type="checkbox"/> OTHER			
<input type="checkbox"/> DRILLING REPORT Report Date:	OTHER: <span style="border: 1px solid black; padding: 2px;">Pumping &amp; Tubing Pressure</span>			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  
 CCI Paradox Upstream, LLC has gathered casing & tubing pressures for the month of April 2015 for all shut-in wells, please see the attached spreadsheet. Subsequent monthly reports of shut-in well casing and tubing pressures will be submitted on a monthly basis.

Accepted by the  
 Utah Division of  
 Oil, Gas and Mining  
**FOR RECORD ONLY**  
 June 04, 2015

<b>NAME (PLEASE PRINT)</b> Ashley Noonan	<b>PHONE NUMBER</b> 720 319-6830	<b>TITLE</b> Regulatory Analyst
<b>SIGNATURE</b> N/A	<b>DATE</b> 5/18/2015	

Utah  
CCI Paradox Upstream, LLC  
Shut- In Wells

Well Name	API	Casing Feb	Tubing Feb	Casing Mar	Tubing Mar	Casing Apr	Tubing Apr	Casing May	Tubing May	Casing Jun	Tubing Jun	Casing Jul	Tubing Jul	Casing Aug	Tubing Aug	Casing Sep	Tubing Sep	Casing Oct	Tubing Oct	Casing Nov	Tubing Nov	Casing Dec	Tubing Dec
BIG INDIAN UNIT 1	4303716219	480	2400	500	2400	520	2400																
BULL HORN U 10-43	4303731831	280	0	220	0	220	0																
LISBON B-616	4303716242	40	40	24	20	p&a	p&a																
LISBON B-84	4303730054	-4	101	4	100	-4	100																
LISBON B912	4303715769	1100	60	1125	60	1125	60																
LISBON B-94	4303730695	0	0	0	0	0	0																
LISBON C-69	4303716245	180	810	580	800	580	800																
LISBON C-910	4303731323	480	60	445	80	500	80																
LISBON C-94	4303716247	30	0	0	0	0	0																
LISBON C-99	4303730693	20	1000	45	1000	20	1000																
LISBON D-616	4303715049	0	15	Rig	Rig	p&a	p&a																
LISBON D-716	4303731034	8	1160	0	0	new AIG	new AIG																
LISBON D-84	4303716250	480	60	560	550	560	500																
LISBON D-89	4303716251	100	140	unable	unable	100	325																
FEDERAL 15-25	4303730317	380 Bottom/3300 Top	3300	3300	3200	700 bottom / 3350	3300																



<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-014903
<b>1. TYPE OF WELL</b> Oil Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> CCI PARADOX UPSTREAM, LLC		<b>7. UNIT or CA AGREEMENT NAME:</b> LISBON
<b>3. ADDRESS OF OPERATOR:</b> 811 Main Street, Suite 3500 , Houston, TX, 77002		<b>8. WELL NAME and NUMBER:</b> LISBON C-910
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0622 FSL 1452 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWSE Section: 10 Township: 30.0S Range: 24.0E Meridian: S		<b>9. API NUMBER:</b> 43037313230000
<b>PHONE NUMBER:</b> 281 714-2949 Ext		<b>9. FIELD and POOL or WILDCAT:</b> LISBON
<b>COUNTY:</b> SAN JUAN		<b>STATE:</b> UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 5/31/2015	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION	
<input type="checkbox"/> DRILLING REPORT Report Date:	OTHER: <span style="border: 1px solid black; padding: 2px;">Monthly casing and tubing p</span>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. CCI Paradox Upstream, LLC has gathered casing and tubing pressures for the month of May 2015 for all shut-in wells, please see the attached spreadsheet. Subsequent monthly reports of shut-in well casing and tubing pressures will be submitted on a monthly basis.		
<b>Accepted by the          Utah Division of          Oil, Gas and Mining          FOR RECORD ONLY          June 22, 2015</b>		
<b>NAME (PLEASE PRINT)</b> Ashley Noonan	<b>PHONE NUMBER</b> 720 319-6830	<b>TITLE</b> Regulatory Analyst
<b>SIGNATURE</b> N/A	<b>DATE</b> 6/9/2015	

Well Name	API	Casing Jan	Tubing Jan	Casing Feb	Tubing Feb	Casing Mar	Tubing Mar	Casing Apr	Tubing Apr	Casing May	Tubing May
BIG INDIAN UNIT 1	4303716219			480	2400	500	2400	520	2400	500	2400
BULL HORN U 10-43	4303731831			280	0	220	0	220	0	218	0
LISBON B-616	4303716242	40	40	40	40	24	20	P&A	P&A	P&A	P&A
LISBON B-84	4303730054			-4	101	4	100	-4	100	-4	98
LISBON B912	4303715769			1100	60	1125	60	1125	60	1140	60
LISBON B-94	4303730695			0	0	0	0	0	0	0	0
LISBON C-69	4303716245			180	810	580	800	580	800	590	800
LISBON C-910	4303731323			480	60	445	80	500	80	510	85
LISBON C-94	4303716247			30	0	0	0	0	0	0	0
LISBON C-99	4303730693			20	1000	45	1000	20	1000	20	1000
LISBON D-616	4303715049			0	15	Rig	Rig	P&A	P&A	P&A	P&A
LISBON D-716	4303731034			8	1160	0	0	Inj	Inj	Inj	Inj
LISBON D-84	4303716250			480	60	560	550	560	550	565	550
LISBON D-89	4303716251			100	140	unable	unable	100	325	375	375
FEDERAL 15-25	4303730317			380 Bottom/3300 Top	3300	3300	3200	3350	3300	3400	3250

[illegible]